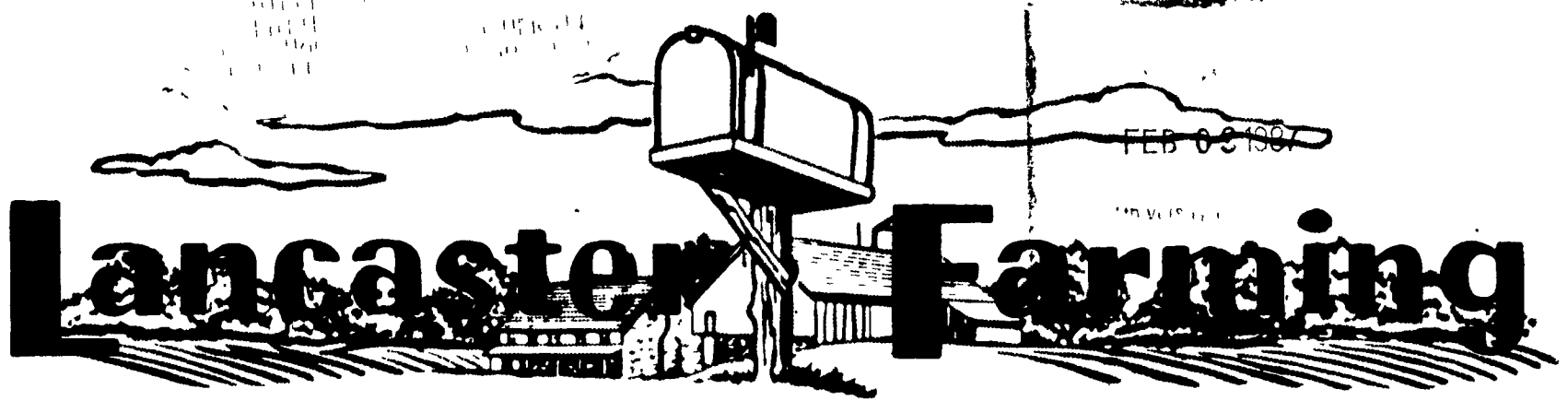




MAMMA Hears Proposal To Merge Promotion Programs

BY EVERETT NEWSWANGER
Managing Editor

HUNT VALLEY, Md. — The chief executive officer of the National Dairy Board unveiled the suggested plans to merge the National Dairy Board and the state and regional groups into one overall board that would include 72 persons—36 appointed by the National Agricultural Secretary, as is now done, and 36 from the state and regional groups per their participation in the national program.

Joseph Westwater, speaking at the board meeting of MAMMA here Wednesday, said the National Dairy Board borrowed ideas from the National Milk Producers Federation Structure Committee proposals and made modifications to address some of the concerns of the National Dairy Board. While showing an organization chart to outline how the plan could work, Westwater said nothing was set in concrete and a great deal of discussion is going on at the present time.

In questions from the MAMMA board members after the presentation, the most concern seemed to be expressed about how the successful advertising campaigns from regional groups would be used in the national program. Westwater saw successful programs going both ways. "The national organization could plug into the regional group campaign and maybe picking up some of the development costs as well as national programs to be made available through the regional groups at reduced costs. This

would allow the National Dairy Board and the state and regionals a better way to budget their dollars," Westwater said.

Edward Peterson, the chief executive officer of United Dairies Industry Association discussed exciting research that includes two or three new products that will

greatly enhance the future of the dairy industry. With a new process called freeze concentration, you can extract the water from milk. This opens the potential of a whole new list of dairy products derived from milk. For example, they have a skim milk concentrate with one percent fat added that tastes like

cream. There is also a new high calcium milk that is all dairy products and tastes good. A new butter-like product spreads well, but has reduced calories and cholesterol in its content.

In the year ahead, the Advertising and Promotion Agency of MAMMA will be using a balanced

approach to bring together the many advertising elements necessary for a successful marketing year for the dairy farmers of Federal Order #4.

An estimated 70 percent of MAMMA's budget will be spent on advertising and promotion. The board allotted 15 percent, or (Turn to Page A18)

Lancaster Stockyards Plans Move

BY JACK HUBLEY

LANCASTER — If all goes as planned, one of the state's major livestock markets will be operating from a new location next year at this time.

Lancaster Stockyards, Inc., has announced a proposal to sell its 21-acre facilities at the corner of Marshall Ave. and Lititz Pike in Lancaster to Lanecor Associates, a real estate development company with offices in Lancaster, Pa., and Toledo, Ohio.

According to Lanecor's managing partner Joe Deerin, the firm hopes to begin construction of a shopping center at the location within a year. The company hopes to complete the project by fall, 1988.

Both Deerin and Stockyards spokesman William G. McCoy stress that the sale is contingent upon a number of conditions. Foremost among those conditions is the livestock auction's ability to find a suitable relocation site. A zoning change would also have to be granted to permit

construction of the shopping center.

Neither party would divulge the selling price, but an article in the Lancaster New Era earlier this week reported the price tag to be \$4.125 million. This puts the cost of an acre of Stockyard ground in excess of \$192,000.

"We're just sitting on land that's too high to run a livestock market on," said McCoy, who serves as Lancaster Stockyards president.

McCoy noted that his firm is currently looking for a relocation site with "good accessibility to major arteries." Areas north, east and west of Lancaster near Routes 283, 222 and 30 would be considered, said McCoy.

McCoy pointed out that the move comes at a good time in the life of the century-old Stockyards. "It's an old facility that takes a lot of repair and upkeep," he said. "Looking down the road, we know we've got to spend...at

least as much (in repairs) as going to another facility."

McCoy said his firm hopes to consummate the sale within a couple of months. He anticipates that Lancaster Stockyards will continue to do business at its present location throughout the rest of 1987.

The Stockyards official envisions erecting "a real state-of-the-art facility," on about 10 acres of land. McCoy hopes to make the transition "without losing a market day. There's three generations of commission firms that have been doing business here since the turn of the century," McCoy summed up. "I think our patrons will stick with us."

The largest livestock market in the state, Lancaster Stockyards is widely considered to be a price setter for East Coast cattle markets. The firm markets about 300,000 head of cattle, hogs, sheep and goats annually, with total receipts of \$100 million.

Auction Charged

WASHINGTON — The Department of Justice has filed a lawsuit charging a cattle auction house in Pennsylvania and its president with violating the Beef Promotion and Research Act of 1965, which is enforced by the Department of Agriculture. Assistant Attorney General Richard K. Willard, in charge of the Civil Division, said the civil suit charging Vintage Sales Stables Inc. of Paradise, Pa. and its president, L. Robert Frame Sr., was filed Tuesday with the U.S. District Court in Philadelphia.

The suit seeks to require the defendants to pay all assessments they owe under the Act and to permanently enjoin Frame from operating the cattle auction or any similar livestock market without complying with the Act.

The Act, together with the Order and regulations promulgated under it, establishes a national industry-funded and operated promotion and research program designed to strengthen the beef industry's position in the marketplace.

The assessments are to be paid by cattle producers and importers and collected by, among others, any person making payment to cattle producers for cattle. These collection persons are to remit the assessment to the Cattlemen's Beef Promotion and Research Board, the organization established to administer the Beef Promotion and Research Order, or to a state beef council designated by the Cattlemen's Board.

The suit says that Frame, doing business as Vintage Sales Inc., is a collection person under the Act, in that he has been paying producers for their cattle since Oct. 1, 1966. The complaint alleges that he has refused to perform his obligation under the Act to collect assessments from the producers to whom he makes payment for cattle and to remit the monies to the Pennsylvania Beef Council, designated by the Cattlemen's Board to receive the assessments in Pennsylvania.

The complaint charges that as of Nov. 25, 1986, the amount the defendant should have collected and remitted was approximately \$16,304.

Vegetable Growers Urge Members To Support Research Program

BY SUZANNE KEENE

HERSHEY — Leaders in the Pennsylvania Vegetable Growers' Association this week urged members to support the Vegetable Research Program and encouraged them to offer suggestions for improving it.

"If we are to build a new program in the future or revise the old program, we need the support of the growers," said Robert Amsterdam during a session of the Pennsylvania Vegetable Conference held in Hershey this week. Amsterdam was hired by the Vegetable Growers' Association to talk with members about the research program and to find out why they are dissatisfied with it.

"We as farmers have got to get behind our own industry," Association president John Mason said. "We've got to continue to do more and more research to do a better job."

Such research is funded in part through the Vegetable Research Program. Passed by a narrow margin in 1984, the program assesses vegetable growers (farmers raising ten or more acres of vegetables with the exception of potatoes) an annual fee of \$1.50 per acre per year.

The money collected is placed in an independent account administered by the Pennsylvania Department of Agriculture at the advice of an advisory board consisting of vegetable grower representatives. The board solicits topics for research and decides on a research agenda.

(Turn to Page A22)



When it snows, many picturesque scenes can be photographed around Lancaster Farming territory. Here is one that Lancaster Farming's editor Everett Newswanger saw from Gap Hill on Route 30 at the corner of Hoffmiller Road. "We got a whole winter's worth of snow in the last week or so didn't we?"

Beef Promotion Program Outlined At Lancaster Cattle Feeders Day

BY JACK HUBLEY

LANCASTER — Cybil Shepherd says she's not sure she trusts people who don't eat burgers.

James Garner says vegetables belong in a salad and not on his shish kebab skewer.

Neither one of the above television celebrities appeared in the flesh at Cattle Feeders Day on Tuesday, but their presence in video form sooner or later transfixed most of the cattlemen in attendance at Lancaster's Farm and Home Center.

Compared to the slate of beef experts who shared the podium on Tuesday, it's a cinch that neither Shepherd nor Garner know beans about beef. But it's also a safe bet that either one could sell air conditioners to the Eskimos, and the Cattlemen's Beef Promotion Board is betting big bucks that the pair can pump some muscle into a flaccid beef industry.

The commercials featuring the two celebrities are part of a massive nationwide promotional machine fueled by the \$1-per-head beef checkoff program and overseen by the 113-member CBPB. Pennsylvania's representatives on the board are dairyman John Cope and cattleman Paul Espy. The Keystone State was fortunate enough to have Espy elected to a 20-member National Operating Committee responsible for determining the direction of the program.

While events such as Cattle Feeders Day have traditionally emphasized production, Tuesday's event departed from the standard format by showing cattlemen how the industry plans to increase demand for its product. Included was a panel

(Turn to Page A38)

Livestock market and auction news

Lancaster Livestock Auction

Lancaster, Pa.
Monday, January 26, 1987
Report Supplied by PDA
Cattle Calves Hogs Sheep Cows

Monday's Receipts
777 97 300 126 403

Monday's Auction
749 111 329 135 394

Last Monday's Auction
1255 124 470 313 571

Last Year's Auction
1134 127 691 414 408

CATTLE 749...USDA. Compared with last Thursday's market: Slaughter steers fully steady; Heifers .50 to \$1 higher; Bullocks and Cows steady; Bulls mostly steady. Few High Choice & Prime 3-4 steers 1275-1425 lbs. 61.85-63.10, few Choice #2 1150-1480 lbs. 62.25-65.25, Choice 2-3 few 4's 1100-1450 lbs. 59.75-61.50, High Good & Low Choice 2-3 1050-1450 lbs. 57.75-60, few Choice 1250-1400 lbs. holsteins 50.75-53.35, Choice 2-3 heifers 930-1250 lbs. 55.75-59, Good 49.25-53.50, Good to Low Choice holsteins 44.50-46.75, Breaking Utility and Commercial 2-4 slaughter cows 38.25-41.25, Commercial 3-4 37.50-38.50, Cutter & Boning Utility 1-3 37.75-41, Canner & Low Cutter 35.50-38, Choice 1-3 bullocks 50.75-54.75, few Good 44.50-51, Yield Grade No. 1, 1320-1900 lbs. sl. bulls 48.75-52.75, No. 2 1050-1550 lbs. 45.50-48.00.

CALVES 111...Vealers steady. Few Choice 160-300 lbs. 80.00-95, High Good & Low Choice 160-220 lbs. 60.00-80, 120-160 lbs. 55.00-65, 80-110 lbs. 48.00-50.00. Farm Calves: Few Holstein bulls 95-120 lbs. 75.00-100.00. Slaughter calves steady; Good and Choice 250-500 lbs. sl. calves 55.00-65.00, few Choice 65.00-70.00.

HOGS 329...Compared to last Wednesday, barrows and gilts \$1 to \$1.50 higher. US No. 1-2, 200-240 lbs. 49.50-50.50, No. 1, 200-240 lbs. 51.00-52.50, 1-3 220-260 lbs. 48.50-49.50. Sows not fully tested.

SHEEP 135...Woolled slaughter lambs steady. Choice & Prime 80-120 lbs. wool lambs 85.00-90, Good to Low Choice 65-95 lbs. 75.00-85. Slaughter ewes steady; Utility & Good 35.00-45.00.

GOATS 394...Large Fleshy 60.00-75, Thin 50.00-60, Medium fleshy 40.00-50, Thin 35.00-40, Small fleshy 35.00-40, Thin 20.00-30.00 — all per head.

Vintage Livestock Auction

Paradise, Pa.
Tuesday, January 27, 1987
Report Supplied by PDA
Cattle Calves Sheep Goats

Today
562 836 0 0

Last Tuesday
734 812 1 0

Last Year
946 677 7 0

CATTLE 562...USDA. (Supply included 50% steers and 48% cows). with Monday's market: Slaughter steers firm to \$1 higher, best demand on Choice and Prime; Heifers not tested; Cows \$1 to \$1.50 higher, instances \$2.50; Bulls not tested. Choice & Prime 2-3 sl. steers 64-66.50, (7 head 67.00-68), Choice 2-3 few 4's 1100-1400 lbs. 60.50-62.50, few 63.75, few 3-4 1350-1475 lbs. 59-60.50, High Good to Low Choice 2-3 1100-1450 lbs. 58-60.25, few 60.75, Good 55.00-58.00. Breaking Utility and Commercial 2-4 sl. cows 39.50-42, several 44.00, few Commercial 3-4 38.00-40, Cutter and Boning Utility 1-3 38.50-41.50, several 44.50, (10 head 45-46.25), Canner and Low Cutter 36.50-38.50, few 41.00.

CALVES 836... (Supply included 571 in graded sales of which 79% sold to return to farm)...Vealers fully steady, instances \$10 higher on High Good and Low Choice 70-110 lbs. weight. Individual Choice 255 lbs. 92.00, couple 140-145 lbs. 95.00-100, High Good and Low Choice 180-285 lbs. 69.00-80, 80-110 lbs. 48.00-51, Standard 80-90 lbs. 41.00-46, 60-80 lbs. 30.00-38.00. Farm Calves: Holstein Bulls 100-125 lbs. 99.00-104, 90-95 lbs. 115.00-117, Small Frame 100-115 lbs. 60.00-83, 90-95 lbs. 52.00; Holstein Heifers 90-125 lbs. 51.00-59.00.

SHEEP 0...No market test.
GOATS 0...No market test.

BREAKING MILK RECORDS!
Lancaster Farming Carries
DHIA Reports Each Month!

Lancaster Livestock Auction

Lancaster, Pa.
Wednesday, January 28, 1987
Report Supplied by PDA
Cattle Calves Hogs Sheep Goats

Wednesday's Receipts
191 27 323 4 1

Wednesday's Auction
215 25 340 60 3

Last Wed.'s Auction
197 21 499 0 0

Last Year's Auction
145 14 459 0 0

CATTLE 215...USDA. Supply included 65% slaughter steers. Compared with last week's market: Slaughter steers firm to \$1 higher; Heifers not fully tested; Cows fully steady; Bulls small supply fully steady. Few High Choice & Prime 3-4 1200-1350 lbs. sl. steers 63.50-66, couple yield grade No. 2, 67.25, few Choice #2 1125-1325 lbs. 62.75-65.25, 2-3 few 4's 1030-1300 lbs. 60.50-62.35, couple 63.00, High Good & Low Choice 2-3 1100-1325 lbs. 58.75-60.50, lot Good to Low Choice 1080-1150 lbs. return to feed 60.75-60.85. Couple Good 2-3 760-870 lbs. sl. heifers 44-46.75, few Commercial and Good 1100-1585 lbs. heiferettes 43.25-48.00. Cutter and Boning Utility 1-3 sl. cows 39.25-43, couple 44.00-45, Canner and Low Cutter 36.25-38.25, couple 40.75-43.25. 5 head Yield Grade No. 1 2210-2560 lbs. sl. bulls 48.75-52.50, couple No. 2 1095-1685 lbs. 45.50-49.25.

CALVES 25...Vealers insufficient volume to fully test trend. Few High Good and Low Choice 80-105 lbs. 40.00-55.00.

HOGS 340...Barrows and gilts \$3 to \$3.50 higher. US No. 1-2 200-240 lbs. 53.00-53.50, 1-3 200-255 lbs. 52.00-53.00. Sows not fully tested. Few US No. 1-2 350-525 lbs. sows 38.00-41.50.

SHEEP 60...Supply included 25 head sold as feeders; 25 head Choice 65-75 lbs. feeder lambs 70.00. Slaughter ewes, small supply weak to .25 lower; Utility and Good 25.00-32.00.

GOATS 3...40.00-45.00.

New Holland Livestock

New Holland, Pa.
Thursday, Jan. 29
CATTLE: 1017. Slaughter steers .50-1.00 higher; slaughter heifers fully steady; cows fully steady, instances 1.00 higher; bulls and bullocks .50-1.00 higher. Supply included 48 percent slaughter steers, 7 percent slaughter heifers, 42 percent cows with the balance bulls.

SLAUGHTER STEERS: Few high Choice and Prime 2-4 1225-1450 lb. 63.50-64.50, few Choice 2 65.75-66.75; Choice 2-3, few 4 1100-1400 lb. 61.50-63.35, few 63.50-64.25, couple lots Choice 2-3 1025-1100 lb. 61.00-62.00; high Good and low Choice 2-3 1100-1400 lb. 58.75-61.50; few Good 2-3 57.00-58.75; Choice 1225-1480 lb. Holsteins 51.00-57.00, couple high Choice and Prime 58.00-60.00; Standard and Good 47.00-51.75.

SLAUGHTER HEIFERS: Choice 2-3 935-1265 lb. 55.50-58.75, couple Choice 2 60.00-62.00; Good 2-3 925-1100 lb. 52.50-55.00, few 735-925 lb. 50.00-52.00.

COWS: Breaking Utility and Commercial 2-4 39.50-43.50, several 44.00-46.00; Cutter and Boning Utility 1-3 40.00-44.00, few 45.00-46.75; Canner and low Cutter 37.50-40.00, few 40.00-41.25.

BULLOCKS: Choice 1-3 1100-1325 lb. 54.75-57.75; few Good 1-2 1050-1225 lb. 47.50-52.00.

BULLS: Yield grade 1 1350-1950 lb. 49.00-53.00; yield grade 2 1000-1550 lb. 48.00-51.00.

VEAL CALVES: 652. Vealers fully steady. Demand good for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 235-370 lb. 100.00-110.00, couple 111.00-114.00; Choice 160-320 lb. 85.00-95.00, couple 95.00-100.00; high Good and low Choice 160-300 lb. 65.00-85.00, 120-160 lb. 50.00-65.00, 80-110 lb. 43.00-52.00, few 65-80 lb. 36.00-43.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein bulls 96.00-108.00, several 109.00-115.00; several small frame 90-115 lb. 65.00-85.00.

SHEEP: 56. Woolled lambs 2.00-5.00 higher; few slaughter ewes steady.

WOOLED LAMBS: Choice and Prime 80-105 lb. 84.00-93.00, few 93.00-99.00; Good to low Choice 70-100 lb. 70.00-84.00.

SLAUGHTER EWES: Utility and Good 34.00-42.00.

GOATS: 17. All goats sold by the head, bulk of the supply Medium 31.00-49.00, few Large 54.00-71.00.

North Jersey Livestock

Hackettstown, NJ
Tuesday, Jan. 27, 1987
Report supplied by auction

Calves-.11-1.23.
Cows 30.00-47.25.
Easy Cows 20.00-41.75.
Heifers 37.00-51.00.
Bulls 44.00-55.25.
Steers 38.00-59.00.
Hogs 35.00-51.00.
Roasting Pigs, each 29.00-39.00.
Boars 41.00-43.00.
Sows 29.00-39.00.
Sheep .16-.67.
Lambs, per lb. .57-1.00.
Goats, each 26.00-90.00.
Kids, each 5.00-43.00.

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1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

Lancaster County Weekly

Friday, Jan. 30
Report Supplied by PDA

	Cattle	Calves
This Week	2800	1625
Last Week	3157	1248
Last Year	3326	1412

CATTLE: Slaughter steers 1.00 to 2.00 higher; sl. heifers .50 to 1.00 higher; cows 1.00 to 2.00 higher, instances 3.00 higher; bulls & bullocks firm to 1.00 higher. Supply included 48 per cent sl. steers, 8 per cent sl. heifers, 31 per cent cows, 4 per cent bulls, with the balance feeders.

SLAUGHTER STEERS: Few high Choice & Prime 2-4 1225-1450 lbs. 63.50-66.00, around 20 head Choice 2 65.50-68.00; Choice 2-3 few 4, 1100-1400 lbs. 60.50-63.50, few 63.50-64.25; few Choice 3-4 1350-1475 lbs. 59.00-60.50; high Good & low Choice 2-3 1100-1400 lbs. 58.00-61.50, few Good 2-3 55.00-58.00; Choice 1225-1480 lb. holsteins 50.75-57.00, couple high Choice & Prime 58.00-60.00, Standard & Good 47.00-51.75.

SLAUGHTER HEIFERS: Choice 2-3 930-1265 lbs. 55.50-59.00; few Choice Grade 2 1100-1330 lbs. 59.00-62.25; Good 2-3 925-1100 lbs. 52.50-55.00, few 735-925 lbs. 46.75-52.00; Good to low Choice 850-950 lb. holsteins 44.50-46.75.

COWS: Breaking Utility & Commercial 2-4 39.50-43.50 several late 44.00-46.00; Cutter & Boning Utility 1-3 39.50-44.00 few 45.00-46.75; Canner & low Cutter 36.50-40.00 few 40.00-41.25.

BULLOCKS: Choice 1-3 1100-1325 lbs. 50.75-57.75; few Good 1-2 980-1325 lbs. 44.50-51.00.

BULLS: YG 1, 1320-1950 lbs. 48.75-53.00 couple 54.00-55.00 including 5 head 2210-2560 lbs. at 48.75-52.50; YG 2, 1050-1550 lbs. 47.50-51.00 few early 45.50-47.50.

VEAL CALVES: Vealers fully steady, instances 5.00 higher on high Good & low Choice 80-110 lbs.; sl. calves steady. Demand good for holstein bulls to return to farm.

VEALERS: High Choice & Prime 235-370 lbs. 100.00-110.00, couple 111.00-114.00; Choice 160-320 lbs. 85.00-95.00 couple 95.00-100.00; high Good & low Choice 160-300 lbs. 65.00-85.00, 120-160 lbs. 50.00-65.00, 80-110 lbs. 43.00-52.00; few Standard 80-90 lbs. 41.00-46.00, 60-80 lbs. 30.00-38.00.

SLAUGHTER CALVES: Good & Choice 250-500 lbs. 55.00-65.00, few Choice 65.00-70.00.

RETURNED TO FARM: Bulk 95-120 lb. holstein bulls 95.00-109.00, several 109.00-117.00; several small frame 90-115 lbs. 65.00-92.00, few 90-120 lb. holstein heifers 55.00-67.00.



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AUCTIONS

MONDAY
9:00 A.M. — Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. — Goats, Veal Calves, Lambs
12 Noon — Slaughter Hogs

WEDNESDAY
8:00 A.M. — Slaughter Hogs
10:00 A.M. — Slaughter Bulls, Heifers, Steers, Cows
11 00 A.M. — Veal Calves, Lambs

FRIDAY
11 00 A.M. — Stocker and Feeder Cattle

SATURDAY
8 00 A.M. — Slaughter Hogs

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etc.
Buyers & Sellers
Welcome



HOG MARKETS

Lancaster Hogs

Lancaster Stockyards
Sat., Jan. 24, 1987

Report supplied by auction

694 head. U.S. #1: 220-235 lbs., 52.00-53.50; U.S. #1&#2: 200-245 lbs., 50.75-51.75; U.S. #1&#3: 200-260 lbs., 49.00-50.50; U.S. #2&#4: 200-245 lbs., 47.50-48.85; Sows 310-460 lbs. 38.00-42.75, 500-625 lbs. 39.75-43.75; Boars: Lightweight 40.00-42.00; Heavyweight 32.00-34.50.

New Holland Hogs

New Holland Sales Stables
New Holland, PA
Monday, Jan. 26, 1987

Report Supplied by Auction

Today 649
Last Monday 846
Last Year 1115
TREND: Compared to last Monday, storm reduced receipts of barrows and gilts 1.00-2.00 instances 2.50 higher.

BARROWS AND GILTS: US 1-2 200-240 lb. 49.50-50.50, Few to 51.00; US 1 210-230 lb. 51.50-52.50; US 1-3 200-255 lb. 48.00-49.50.

Indianapolis Hogs

Thursday, Jan. 29, 1987

700 - Barrows & gilts moderately active, mostly .50 lower.

US 1-3 225-255 lb. 48.75-49.25.
SOWS: Moderately active, not well tested. (6%).

US 2-3 550-575 lb. 44.00-45.00.
BOARS: Over 400 lb. 36.00.

Vintage Hogs

Paradise, PA

Saturday, Jan. 24, 1987

Report supplied by Auction

1s and 2s, 230-240 lbs., 50.00-50.25; Sows, 255-370 lbs., 38.00-41.75; Boars, 175-200 lbs., 38.00.

New Holland Graded Feeder Pig Sale

New Holland, Pa.

Wednesday, January 28, 1987

Report Supplied by PDA

Feeder Pigs

Today 615

Last Wednesday 959

Last Year 842

FEEDER PIGS: 944—USDA—

Compared with last Wednesday's

market, feeder pigs were fully

steady; weights under 40 lbs. sold

to slaughter. All prices per hundred weight.

US No. 1-2 40-49 lbs. 117.00-129.00

50-59 lbs. 117.00-129.00 65-78 lbs.

89.00-99.00

US No. 2-3 40-52 lbs. 88.00-97.00 79

lbs. 73.00

Slaughter 20-40 lbs. 152.00-172.00

St. Louis Hogs

Thursday, Jan. 29, 1987

3500 - Barrows & gilts moderately active, .50-.75 lower, instances 1.00 lower on weights over 260 lb.

US 1-3 200-260 lb. 48.75-49.25, bulk 49.00; US 2-3 250-270 lb. 48.00-48.75.

SOWS: Over 500 lb. steady-2.00 lower; under 500 lb. steady-50 higher, clearance incomplete. (5%).

US 1-2 300-500 lb. 42.50-43.00; US 1-3 over 500 lb. 44.00-46.00; some unsold.

BOARS: Over 300 lb. 42.00; under 300 lb. 39.00, few 40.00.

Thursday, Jan. 29, 1987

2500 - Barrows and gilts fairly active, .50-1.00 lower.

US 1-2 200-240 lb. 49.50-50.00, some 49.00; US 1-3 200-240 lb. 49.00-49.50, few 48.50.

SOWS: Under 500 lb. .50-1.00 lower; over 500 lb. 1.00-1.50 higher. (8%).

US 1-2 350-500 lb. 42.00-42.50; US 1-3 500-650 lb. 47.50-48.00.

U.S. Carlot Pork Report

Thursday, January 29, 1987

Report Supplied by USDA

FOB OMAHA BASIS includes major production areas in midwest as of 3:00 PM.

Compared to Wednesdays 3:00 PM: Fresh pork loins 14-22# steady to 2.00 lower; Boston Butts steady to 3.00 higher; Skd Hams uneven, 17-20#, steady to 1.50 higher, 20-26# steady to 1.00 lower; Sdls Bellies 12-18# 3.00-4.75 lower. Trade slow to moderate for light to moderate demand and offerings.

US NO. 2 175 LB HOG CARCASS DECLINED .53 TO 63.25 PER CWT LOADS PORK CUTS 27.00 LOADS TRIM/PROCESS PORK 7.00.

PORK CUTS - FOB OMAHA BASIS.

LOINS, REGULAR, FRESH.

14-18 5.5 Lds., price range 93.00-

99.00.

18-22 1.0 Lds. price range 96.00.

22-28 22/UP Lds. price range

94.50 B.

TENDERLOINS, 2/BAG price

range 290.00 A.

PICNICS 4-8 price range 48.00-

51.50 A.

BOSTON BUTTS 4-8 1.0 Lds.

price range 66.00 - 68.00.

SPARERIBS, FRESH 1.5-3.5 0.5

Lds. price range 126.00.

3.5-5.5 0.5 Lds. price range 102.00.

5.5/UP 0.5 Lds. price range 55.00.

SPARERIBS, FROZEN 1.5-3.5

price range 132.00 B.

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily closing bids: Friday, Jan. 23 through Thursday, Jan. 29)

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.	THURS.
FEB. 87	48.40	49.17	49.55	49.82	50.20
APR. 87	43.65	45.05	45.17	45.12	45.30
JUN.	45.87	46.80	46.77	47.00	47.30
JUL.	45.95	46.70	46.95	46.90	47.05
AUG.	43.85	44.30	44.32	44.57	44.40
OCT.	40.75	40.85	41.00	40.87	40.57
DEC.	40.85	41.00	41.25	41.40	40.92

SOYBEANS

	FRI.	MON.	TUES.	WED.	THURS.
MAR. 87	500¼	500¼	501½	498½	501
MAY	500	500¼	500¾	497½	499¾
JUL.	499¾	500½	500½	497	499¾
AUG.	498	499½	498½	495½	497¾
SEP.	486	486¾	486½	484¾	487¾
NOV.	484¾	484½	484¾	482	486¾
JAN. 88	491¼	490¾	490½	488	490½

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.	THURS.
FEB.	59.02	60.47	60.97	62.07	62.22
APR.	59.60	61.10	61.67	62.00	61.57
JUN.	58.67	60.17	60.35	60.27	60.00
AUG.	57.00	58.35	58.30	58.32	57.92
OCT.	55.65	56.75	56.75	56.75	56.50
DEC.	56.60	57.42	57.37	57.40	57.15

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.	THURS.
MAR.	141.80	152.20	143.20	143.10	143.10
MAY	140.50	140.60	140.80	140.10	140.20
JULY	140.00	139.90	140.10	139.40	139.10
AUG.	139.50	139.30	139.80	139.10	138.80
SEPT.	139.10	139.00	139.60	138.50	138.30
OCT.	138.70	138.50	138.60	138.50	138.00
DEC.	139.10	138.80	139.20	139.60	139.00

(Turn to Page A14)



FUTURES MARKET TRENDS GRAIN AND LIVESTOCK

This market information provided by ACRES. ACRES is a copyrighted market information service developed by the American Farm Bureau and available to Pennsylvania farmers on a daily basis through Pennsylvania Farmers' Association Farm Management Services, 717-761-2740

ACRES CORN UPDATE: Corn futures closed higher today with March stuck by technical resistance close to the \$1.57 mark. It touched once today, but closed at \$1.56. Generic certificate bids firmed up slightly today. Further advances in corn were also pared by lower Gulf values and light follow through selling from yesterday's close.

PIK Generic certificates are higher at 106 to 107-1/2%.

ACRES SOYBEAN UPDATE: Soybean futures closed higher today fueled by the U.S./EEC grain settlement reached earlier today. Also spurring bean prices up was short covering and local buying. There is still light selling interest as the unfavorable weather kept sellers off the roads. The excellent weather still continues in Brazil and Argentina.

Today's closings ranged from up 2 to 3 cents up. Barge basis is unchanged to up 1/2 cent for the first half of March delivery.

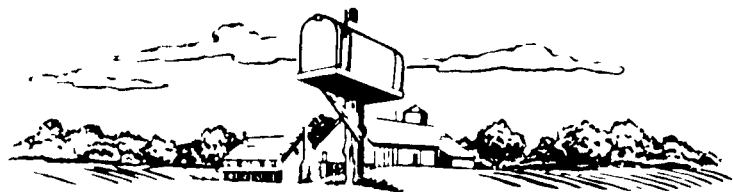
ACRES WHEAT UPDATE: Wheat futures closed slightly higher today after a slow morning of lifeless trading activity. USDA's export announcement Wednesday helped to cut losses in the deferred months and the agreement reached this morning with the EEC also gave prices a little boost. Although the settlement was not for full compensation, feelings were that it was still a good agreement.

HARD RED WINTER WHEAT GULF BASIS-unchanged
SOFT RED WINTER WHEAT GULF BASIS-unchanged

ACRES CATTLE UPDATE:

Cattle futures closed mixed today after a strong move up over the last several trading sessions. February closed well over the \$62.00 level. Cash cattle remain in relatively tight supplies as packers line up on the buy side. The strength so far this week is attributed to the Cattle on Feed report. There has been a lot of good news pumped into the future trade so expect a leveling out over the next few trading sessions.

ACRES HOG UPDATE: Hog futures closed slightly higher today in active trading. The cash market showed signs of \$1.00 weakness in early trading, packers were reluctant to buy at higher levels today. Expect the weekend kill to be relatively small compared to the last two weeks.



In this issue

Four Sections

Columns

Now is the Time A10
On Being a Farm Wife B 5
Have You Heard? B 7
The Micro Way B 9
Ida's Notebook B11

Departments

Editorial A10
Farm Calendar A10
Classified Ads B29, C 6
Livestock Latest D 2
Business News D 6
Mailbox Markets D14
Sale Reports D19
Public Auction Register D20

Home and Youth

Homestead Notes B 2
Home on the Range B 6
Cook's Question Corner B 8
Kid's Korner B10
Farm Show Sheep To Shawl B14
Farm Women News B17

Features

Penn Tillage Conference A19
Franklin Co. Extension Meeting A23
Farm and Home Foundation A24
Adams Co. Corn Day A26
Fertilizer Pesticide Conference A29
Cattlemen's Conference D 2
NJ Ag Preserve D 3

Dairy

ADA Petition A27
Dairy Sales and Dispersals A34
Mt Joy Co-op A36
Franklin Co. DHIA B19
Carroll-Baltimore DHIA B19
Juniata Co. DHIA B19
Dauphin Co. DHIA B26
Potter Co. DHIA B27
Lebanon Co. DHIA B28
Mercer Co. DHIA C 2
Adams Co. DHIA C 2
Montgomery Co. DHIA C 4
Tioga Co. DHIA C 4
Huntingdon Co. DHIA C 5

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POULTRY MARKETS



Philadelphia Eggs

Thursday, Jan. 29, 1987

Report Supplied by USDA

Market Comment: Prices were unchanged. Trade sentiment was mostly of a steady nature. Cartoned egg interest and nest run trading was no better than fair in some sections; fairly good in others. Supplies and offerings were adequate to fully adequate, especially where mediums, large and extra large were being offered at attractive price levels.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .65½-.68; A Large .63½-.66; A Medium .59-.61.

Eastern PA and NJ Poultry

Wednesday, Jan. 28, 1987

Report Supplied by USDA

Market Comment: Prices generally unchanged to slightly

lower. Offerings about adequate to adequate overall. Some interest noted from outside the area for light types at slightly higher values, but undertone generally steady. Canner pick sales often noted as light and unaggressive.

Prices Paid at Farm:
Light Type Hens: .10-.12½, mostly .12.

F.O.B. Plant: .12-.15.

New York Multiple Drop Broiler Report

Thursday, Jan. 29, 1987

Report Supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A .48-.57.

Weighted AVG.; U.S. Grade A 54.02.

Premium (X) Boxes 10,047

(X) Includes special services, selected competitive brands, etc.

Heinsey's Poultry Report

Root's, East Petersburg

Tuesday, Jan. 27, 1987

Report supplied by auction

Muscovy Ducks, Drakes: range .82-.96 per lb.
Muscovy Ducks, Hens: range .62-.78 per lb.
Pekin Ducks: range .40-.62 per lb.

Pullets: 6-7 lbs. range .50-.56 per lb.

Red Fowl: 4-4½ lbs. range .30-.38 per lb.

Red Fowl: 5-6 lbs. range .40-.52 per lb.

Crossbred Fowl: 5-9 lbs. range .30-.52 per lb.

Crossbred Roosters: 4-6 lbs. range .50-.92 per lb.

Crossbred Roosters: 7-11 lbs. range .40-.64 per lb.

Guinea Fowl: range 1.40-1.65 per lb.

Banty Roosters: range 2.00-4.85 ea.

Banty Hens: range .75-1.50 ea.

Leghorn Hens: range .25-.29 per lb.

Geese: 9-12 lbs. range .30-.42 per lb.

Pigeons: range 1.50-1.85 ea.

White Pigeons: range 3.25-4.00 ea.

Silkie: range 3.00-4.50 ea.

Doves: range 2.50-4.00.

Chukars: range 4.00-4.35 ea.

Rabbits: 4-6 lbs. range .72-.94 per lb.

Rabbits: 7-11 lbs. range .60-.74 per lb.

Bunnies: .50-2.00 ea.

Guinea Pigs: range 1.00-3.75 ea.

Goats: range 25.00-56.00 ea.

Kid Goats: Not enough.

Total Number of Coops: 510.

Delmarva Poultry

Thursday, Jan. 29, 1987

Market Comment: Demand for ready to cook whole birds and parts was good for immediate delivery as traders continued to fill pipelines. Offerings on all items were closely cleared to short. Less than trucklot asking prices were unchanged to one cent higher at 48-58 cents. Live supplies were moderate to mostly heavy.

Weights were desirable to mostly heavy. Slaughter schedules increased only slightly and were just moderate. However, several plants were planning to operate on Saturday. The undertone was steady to firm.

Estimated slaughter of broiler fryers in Delmarva:

Estimated 1/29 1,927,000; Actual 1/22 1,893,000.

Actual 1/27 352,000.

Average Weights 1/27 4.96, 1/20 4.43.

N.E. Weekly Shell Egg Report

Tuesday, Jan. 27

Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
N. HAMP.	.88-.92	.82-.86	.77-.81	.49-.53
Mostly	.90-.91	.84-.85	.79-.80	.51-.52
R.I.	.91-.95	.85-.89	.80-.84	.52-.56
Mostly	.91	.85	.80	.52
VERMONT	.95-.99	.89-.95	.79-.92	
Mostly	.95	.89	.84	
MAINE	.95-1.02	.89-.96	.84-.91	.56-.63

Weekly New York Egg Market Northeast Quotes

From Friday Jan. 23 to Thursday, Jan. 29

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.77	Closed	.77	.77	.77
Ex. Large	.73	due	.73	.73	.73
Large	.70	to	.70	.70	.70
Medium	.65	storm	.66	.66	.66
Pullets	.56		.56	.56	.56
Off Grade	.59		.59	.59	.59
BROWN					
Ex. Large	.93		.93	.93	.93
Large	.88		.88	.88	.88
Mediums	.72		.72	.72	.72
OFF GRADE					
Undergrades	.37		.38	.38	.38
Checks	.35		.36	.36	.36

Breaking Stocks: Friday 48-50 lbs. 42.00-44.00; 50 lbs. up Friday 44.00-45.00; Tuesday 48-50 lbs. 43.00-45.00; 50 lbs. up Tuesday 45.00-56.00.

Northeast Chicken Parts

Thursday, Jan. 29, 1987

Comment: Trading was active for prompt shipments. Production from Delmarva was still insufficient to fill current orders; however, offerings from the South were available if desired. Cutlets were well-cleared, and additional product was very difficult to find. Rib breasts and wings were tight. Line-one breasts were irregular as product from the shore was virtually nil, but some product was available elsewhere. Legs and leg quarters were short and wanted overall.

Breasts, skinned, boneless 1.90-1.95.

Rib-on-breasts .94-.95.

Line one breasts .87-.90.

Legs .41-.43.

Leg quarters .31-.33.

Wings .40-.41.

Backs and necks .11-.12.

Livers .10-.15.

Gizzards (hearts) .20-.25.

Today's negotiated sales as of 11:30 a.m. prices paid per pound or, ice packed part delivered in pool trucklot and trucklot quantities.

Eggs White Grade A White

Jumbo X Lge. .51-.80; Large .47-.70; Medium .42-.60; Small .22-.30; Pee Wees .15-.24.

Brown

Jumbo X Lge. .51-.70; Large .43-.65; Medium .33-.40; Small .20; Pee Wees .15.

Missouri Feeder Cattle

Springfield, Mo.

Wednesday, January 28, 1987

Report Supplied by USDA

AUCTION, FEEDER CATTLE AND CALF AUCTIONS AS OF 2:30 PM RECEIPTS ESTIMATED 4000, WEEK AGO 1888, YEAR AGO 3909.

COMPARED TO LAST WEDNESDAY, DEMAND GOOD, STEERS UNDER 600 LBS 1.00-3.00 HIGHER, OVER 600 LBS. 3.00-5.00 HIGHER, HOLSTEINS 2.00-3.00 HIGHER, HEIFERS UNDER 500 LBS 1.00-3.00 HIGHER, OVER 500 LBS 2.00-3.00 HIGHER, GOOD BUYER ATTENDANCE, SUPPLY MODERATE, WITH 66% STEERS AND 34% HEIFERS

STEERS MEDIUM AND LARGE FRAME 1 300-400 LBS. 75 00-81 50, 400-500 LBS 72 25-78 00, 500-600 LBS 68 00-73 25, 600-700 LBS 68 00-71 60, 700-800 LBS 65 75-69 00, 800-900 LBS 61 00-67 75, 900-1000 LBS 60 00-65 40, 1000-1077 LBS 59 00-61 70.

MIXED SMALL AND MEDIUM FRAME 1 400-500 LBS 67 00-73 00, 500-600 LBS 65 00-69 00 MEDIUM FRAME MIXED 1-2 370-500 LBS 68 00-74 00, 500-615 LBS 63 00-68 75.

HOLSTEINS MIXED MEDIUM AND LARGE FRAME 2 TWO PACKAGES 360 & 452 LBS 61 00 & 62 00, 600-800 LBS 54 50-56 80, 800-1000 LBS 52 25-55 60, TWO PACKAGES 1046 & 1096 LBS 51 25 & 52 25

HEIFERS MEDIUM AND LARGE FRAME 1 350-400 LBS 64 00-69 75, 11 HEAD 393 LBS. 71 25, 400-500 LBS 63 00-67 75, 500-600 LBS 62 00-67 00, 600-700 LBS 60 30-65 30, 8 HEAD 715 LBS 61 90.

MIXED SMALL AND MEDIUM FRAME 1 375-500 LBS. 60 00-65 00

MEDIUM FRAME MIXED 1-2 350-500 LBS 61 00-63 00, 500-600 LBS 55 00-61 00.

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Hackettstown Poultry & Egg

Hackettstown, N.J.

Tuesday, Jan. 27, 1987

Report Supplied by Auction

Heavy Fowl .25-.35.

Leghorn Fowl .05-.20.

Roasters .20-.40.

Geese .25-.30.

Bantams .15-1.00.

Roosters .40-.75.

Ducks .50-.80.

Rabbits .50-1.65.

Pigeons 1.40-2.00.

Guineas 1.40.

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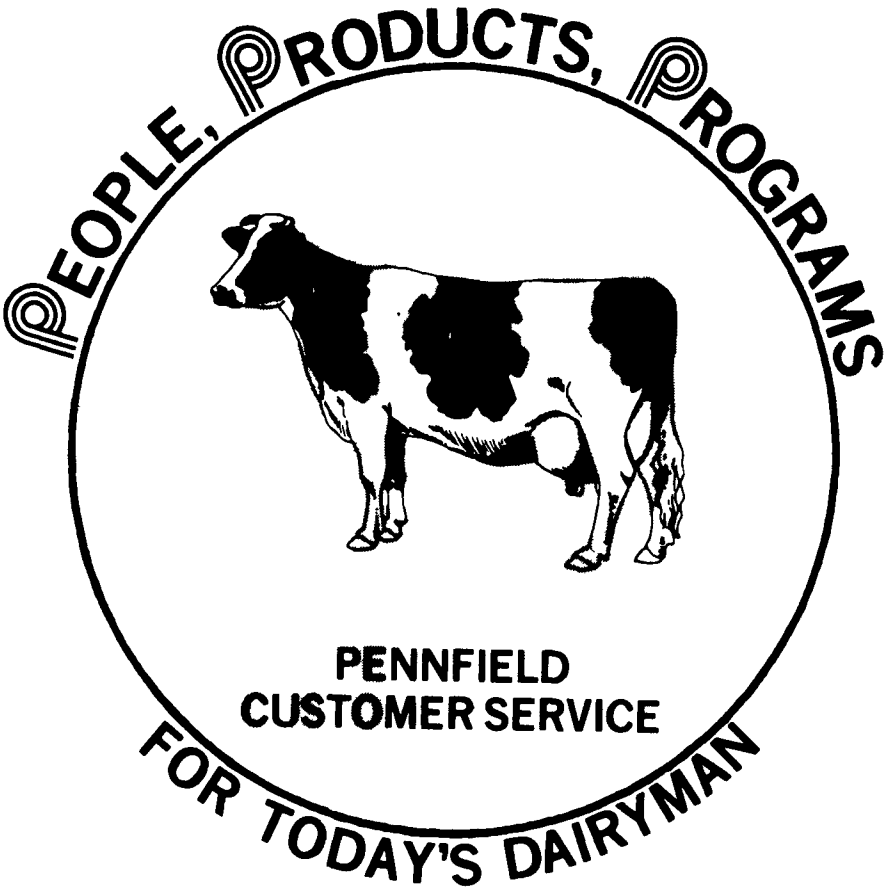
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Pennfield Dairy Meetings

.....AGENDA.....

- 9:30 a.m. • Milk, Coffee and Donuts
- 10:00 a.m. • Practical Management Tips for Decreasing Profitability
- 10:45 a.m. • Feed Management Programs for the Late Lactation and Dry Cow
- 11:30 a.m. • Lunch
- 12:30 p.m. • Feeding the Fresh Cow for Peak Performance and Profitability
- 1:15 p.m. • Look to the Future
Economics - Crop Production -
Milk Production



FEATURED SPEAKER

Dr. Tim Snyder is Manager of Dairy and Livestock Nutrition for Pennfield Corporation. He graduated from Penn State University in 1982 and received his Ph.D. in Dairy Science.

.....MEETING LOCATIONS.....

- Fri., Feb. 6 Grange Hall, Lamar, Pa.
Clinton Mills **CANCELLED**
- Tues., Feb. 10 Harvest Drive Restaurant, Intercourse, Pa.
- Thurs., Feb 12. Grange Hall, Lamar, Pa.
Clinton Mills
- Tues., Feb. 17 Chilcoat's Restaurant, Rt. 220, East Freedom, Pa.
- Wed., Feb. 18 Red Rose Inn, West Grove, Pa. Chester Co.
- Thurs., Feb. 19 Kountry Kitchen, Rt. 40, Elmer, N.J.
- Fri., Feb. 20 Willow Valley Restaurant, Rt. 222 South of
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HAY MARKETS

Pa. Grain

Monday, Jan. 28

Report supplied by PDA

COMPARED WITH LAST TUESDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA.: Corn uneven, mostly steady to strong; Wheat and barley steady to .5 higher; Oats steady to .20 higher; Soybeans steady to .10 higher; Ear Corn steady to strong.

Southeastern Pennsylvania

Corn No. 2-y range 1.70-1.87, average 1.79, *Contract for Harvest 1.75-1.90; @Wheat No. 2 range 2.40-3.15, mostly 2.40-3.36, average 2.91, *Contract for Harvest 2.53-2.71; Barley No. 3 range 1.30-1.55, few reported 1.65, average 1.48, *Contract for Harvest 1.30-1.50; Oats No. 2 range 1.20-1.85, few reported 1.20, average 1.58, *Contract for Harvest 1.30; Soybeans No. 1 range 4.68-5.00, average 4.81, *Contract for Harvest 4.55-4.80; *Gr. Sorghum #2 range 1.70, average 1.70; #Ear Corn range 45.00-65.00, average 51.58.

Corn No. 2-y range 1.70-1.90, average 1.78; @Wheat No. 2 range 2.30-3.00, average 2.65; Barley No. 3 range 1.25-1.45, average 1.33; Oats No. 2 range 1.10-1.50, few

reported 1.70, average 1.38; Soybeans No. 1 range 4.40-4.75, average 4.61; *Gr. Sorghum #2 range 1.50, average 1.50; #Ear Corn range 45.00-50.00, average 46.67.

South Central Pennsylvania

Corn No. 2-y range 1.70-1.95, average 1.80; @Wheat No. 2 2.30-2.45, few reported 2.70, average 2.45; Barley No. 3 range 1.20-1.45, few reported 1.60, average 1.39; Oats No. 2 1.45-1.75, few reported 1.20, average 1.58; #Ear Corn range 48.00-65.00, average 56.29.

Western Pennsylvania

Corn No. 2-y range 1.63-2.00, few reported 1.40, average 1.75; @Wheat No. 2 range 2.20-2.50, average 2.33; Oats No. 2 range 1.30-1.55, few reported 1.00, average 1.33; #Ear Corn range few reported 35.00-54.00, average 44.50.

Southeastern, Central & South Central Summary

Corn No. 2-y range 1.70-1.90, average 1.79; @Wheat No. 2-y range 2.30-3.15, average 2.70; Barley No. 3 range 1.25-1.60, average 1.42; Oats No. 2 range 1.20-1.80, average 1.49; Soybeans No. 1 range 4.60-5.00, average 4.73; #Ear Corn range 45.00-65.00, average 51.18.

Month Ago

Corn No. 2-y range 1.80; @Wheat No. 2-y range 2.60; Barley No. 3 range 1.38; Oats No. 2 range 1.29; Soybeans No. 1 range 4.69; #Ear Corn range 47.20.

Year Ago

Corn No. 2-y average 2.54; @Wheat No. 2-y average 3.30; Barley No. 3 average 1.70; Oats No. 2 average 1.20; Soybeans No. 1 average 4.97; #Ear Corn average 62.25.

Regional Hay

January 28, 1987

Eastern, Pa.

On-Farm Sales

HAY & STRAW MARKET FOR EASTERN PA. (All Hay No. 2 and better prices paid by dealers at the farm and per ton.) Slow due to snow storm; Hay & Straw steady.

Alfalfa 95.00-120.00; Mixed Hay 80.00-100.00; Timothy 75.00-100.00; Straw 70.00-95.00; Mulch 30.00-40.00.

Lancaster Co.

Auctions

SUMMARY OF LANCASTER CO. HAY AUCTIONS For Week Ending 1/23. PRICES PER TON: LOADS: 212 Hay, 72 Straw, and 15 Ear Corn.

Alfalfa 90.00-144.00; Mixed Hay 78.00-130.00; Timothy 80.00-127.00; Straw 86.00-118.00; Ear Corn 55.00-64.00.

Central Pa.

Hay Auctions

SUMMARY OF CENTRAL PA. HAY AUCTIONS For Week Ending 1/23. PRICES PER TON: LOADS: 160 Hay, 30 Straw, and 2 Ear Corn.

Alfalfa 90.00-143.00; Mixed Hay 62.50-110.00; Timothy 67.50-97.50; Straw 72.00-110.00; Ear Corn 67.50-70.00.

Belleville Hay

Wednesday, Jan. 28

Belleville, PA

Report Supplied by Auction

55 loads Hay, Alfalfa, 65.00-142.50; Mixed Hay, 47.50-107.50; 8 loads Straw, 67.50-107.50; 2 loads Oats, 1.50-1.85 bu.

Four States Hay

Wednesday, Jan. 28, 1987

Report supplied by auction

7 loads.

Alfalfa 150.00; Clover 102.00; Mixed Hay 102.00-136.00; Straw 86.00.

Hay auction every Wednesday 11 a.m.

New Holland Hay

New Holland, PA

Monday, Jan. 28

Report Supplied by Auction

92 loads.

Alfalfa, 48.00-156.00; Timothy, 94.00-135.00; Mixed Hay, 88.00-168.00; Straw, 70.00-134.00; Corn 72.00.

Westminster Hay

Tuesday, January 27, 1987

25 loads.

Alfalfa: Good 132.00-152.00; Medium 89.00-131.00; Alfalfa Mixed 120.00.

Timothy: 100.00-135.00; Timothy/Clover 115.00-127.00; Timothy/Grass 127.50.

Grass: 91.00-115.00.

Clover: 90.00.

Wheat/Straw: 100.00.

Oats: \$2/bu.

Firewood: 72.50/cord.

Hay sale every Tuesday 12:30 p.m.

Green Dragon Hay

Ephrata, Pa.

Friday, Jan. 23, 1987

Report Supplied by Auction

Closed due to snowstorm.

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Gap, PA 17527

717-442-4169 (Collect)

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY



EARLY BIRD HOG SALE

7:30 AM

For Your Protection Your Hogs Must Be Identified

10:00 AM



11:00 AM



**HAY
STRAW
GRAIN**



**1:30 PM
BEEF SALE
CALF, SHEEP,
GOATS**

WEDNESDAY

11:00 A.M.



HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.

12 Miles East of Lancaster
on Route 23, New Holland, Penna

The Action Auction

717-354-4341

Mgr - Abe Diffenbach - 717-393-4464

Norman Kolb - 717-397-5538

Field Representatives

Alan Diffenbach 717-656-9806

Luke Eberly 215-267-6608 - 738-1865

**WEDNESDAY - 1:30 P.M.
FEEDER PIG SALE**



We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY

10:00 AM

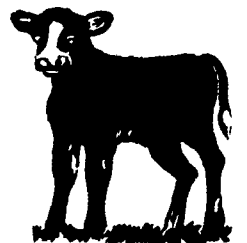
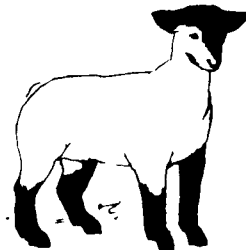
BULLS -



**STEERS -
BEEF COWS**

2:30 P.M.

CALVES



**SHEEP
GOATS**

**Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave**

Keister's Hay

Middleburg, PA
Tuesday, Jan. 27

Report supplied by auction
31 loads Hay. Alfalfa, 90.00-110.00; Mixed Hay, 70.00-117.50, poor quality, 50.00-57.50; 9 loads Straw, 100.00-112.50; 4 loads Ear Corn, 62.50-72.50; Corn Fodder, 85.00; Oats, 1.65 bu.

Leinbach's Hay

Shippensburg, PA
Jan. 24 & 27, 1987

Report supplied by Auction
61 loads.
Alfalfa, 80.00-150.00; Mixed Hay, 75.00-124.00; Timothy, 75.00-102.50;

Clover, 94.00-102.50; Straw, 72.00-100.00; Ear Corn, 65.00-66.00.
Firewood, 30.00-47.00 pick-up load.

Chambersburg Hay

Chambersburg, PA
Thursday, Jan. 29, 1987

Report Supplied by Auction
20 loads Hay. Alfalfa, 98.00-138.00; Mixed Hay, 85.00-109.00; 3 loads Straw, 83.00-86.00.

Dewart Hay

Dewart, PA.
Monday, Jan. 26, 1987

Report Supplied by Auction
18 loads Hay, 56.00-112.00; 4 loads Straw, 85.00-86.00; 10 loads Wood, 35.00-73.00 per ld.

Good's Hay

Leola, Pa.

Wednesday, Jan. 28, 1987
Report Supplied by Auction

130 loads.
Alfalfa, 78.00-155.00; Mixed Hay, 71.00-159.00; Timothy, 83.00-136.00; Straw, 85.00-138.00; Grass, 83.00-105.00; Corn, 64.00-65.00; Oats, 2.25 bu.

Vintage Hay

Paradise, Pa.

Thursday, Jan. 29, 1987
Report Supplied by Auction

24 loads.
Alfalfa, 134.00-147.50; Timothy, 112.50-128.00; Mixed Hay, 96.00-130.00; Wheat Straw, 115.00-144.00; Oat Straw, 117.50-137.00.

King's Hay

Kirkwood, Pa.

Tuesday, Jan. 27, 1987

Report supplied by Auction
27 loads. Alfalfa 91.00-160.00, alfalfa mixed 104.00-135.00, mixed hay 107.00-122.00, timothy and timothy mixed 113.00-121.00.
8 loads Straw 113.00-132.00.

Frederick Co. Hay

Buckeystown, Md.

Thursday, Jan. 29, 1987

Report Supplied by Auction
60 loads. Market strong.
Alfalfa, 13 good at 125.00-154.00, 4 fair, 102.50-122.50; 2nd cutting Mixed Hay, 4 at 120.00-150.00; Timothy Hay, 10 good, 115.00-145.00, 5 fair, 87.50-112.50.
Mixed Hay, 7 good at 120.00-137.50, 6 fair, 102.50-112.50; Straw, 7 at 98.00-127.50; Wood, 4 at 97.00-118.00 cord.

North Jersey Market

Hackettstown, N.J.

Tuesday, Jan. 27, 1987

Hay—Straw & Grain Report
Alfalfa 2.00-2.50; Mixed 1.75-2.00; Grass 1.75.
Total 5 lots — sold per bale.

Greencastle Livestock

Greencastle, Pa.

Monday, Jan. 26, 1987

CATTLE 561. SLAUGHTER
STEERS: Choice & Prime 59.00-63.50, few to 65.00; Good & Choice 52.00-57.50, few to 59.00; Good & Choice — Holstein 47.50-54.50; Standard & Good Holstein — 42.50-47.50.

SLAUGHTER HEIFERS:
Choice 55.00-59.50; Good & Choice 50.00-55.50; Standard & Good 46.00-50.50.

COWS: Utility & Commercial 39.00-43.00, few to 45.00; Cutter & Boning Utility 37.50-43.50, few to 45.50; Canner & Low Cutter 37.50 & down.

BULLS—ALL WEIGHTS: Yield Grade 1 47.00-52.75, few to 54.00; Yield Grade 2 43.50-47.50.

STOCKER CATTLE—ALL WEIGHTS. Steers — Medium & Good 55.00-62.50; Heifers — Medium & Good 48.00-56.00; Bulls — Medium & Good 49.00-58.00; Steers — Holstein 40.00-44.00.

CALVES 444. Good & Choice — 125 to 250 pounds 78.00-92.00, few to 100.00; Medium & Good — 125 to 250 pounds 60.00-80.00; Medium & Good — 80 to 120 pounds 48.00-61.00; Light & Cull — all weights 48.00 & down; Holstein Bulls — return to farm up to 109.00; Holstein Heifers — return to farm up to 63.00.

LAMBS, SHEEP & GOATS 44. Choice Lambs 80.00-83.50; Medium & Good Lambs 70.00-79.50; Light & Cull Lambs 55.00-65.00; Sheep, Ewes & Bucks 22.00-36.00; Goats — all sizes (by head) 15.00-40.00.

HOGS 187. No. 1-3 Butcher Hogs — 190-225 pounds 46.50-48.50; No. 1-3 Butcher Hogs — 225-250 pounds 48.00-50.10; No. 1-3 Butcher Hogs — 250-300 pounds 45.00-48.00; Good Butcher Sows — 400 pounds down 42.00-47.50; Good Butcher Sows — 400 pounds up 42.00-48.00; Heavy Boars — over 300 pounds 32.50-35.50; Pigs—all sizes (by head) 18.00-51.00.

Sale every Monday afternoon at 3:30 p.m.; Hay & straw sale every Monday at 1:00 p.m.

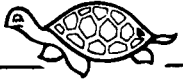
39 loads.
Alfalfa 120.00-162.00/ton.
Mixed 90.00-122.00/ton.
Timothy 86.00-110.00/ton.
Straw 85.00-92.50/ton.

New Holland Horses

New Holland Sales Stables
New Holland, PA

Monday, Jan. 26, 1987

Report supplied by auction
Snowstorm. Too few horses to report.

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CLASSIFIED AD
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LEHMAN BROTHERS
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Lancaster, PA 17603



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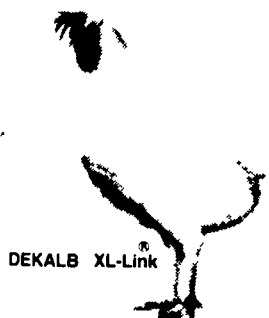
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FARM MANAGEMENT SERVICE
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Amber-Link ®

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DEKALB Research 2 Million \$ Annual Budget	Research is insurance that provides you with predictable performance. Proven programs provide you with optimum genetic potential.
Local DEKALB Representative	Technical help readily available to help you

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The only full service company, in this area, to handle the total needs of poultrymen.

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Monday - Friday 8:30 AM - 4:00 PM



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Answer:	Build a New Modern 1000-2000 Head Finishing Floor.

We Provide:

- * An opportunity to finish hogs
- * A strong competitive contract
- * Quality hi-bred feeder pigs
- * Weekly service
- * Enhanced feeding program
- * Ease of management with all-in, all-out finishing
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THE OLD FARMER'S ALMANAC

FEB. 2-8, 1987

You're naive if you believe a groundhog's guess.

Groundhog Day Feb 2 New York Tribune editor Horace Greeley born in Amherst, N.H., Feb 3, 1811 First quarter of the moon Feb 5 (Thurs) Spanish-American War officially ended Feb 6, 1899 Average length of days for the week, 10 hours, 9 minutes American Guernsey Cattle Club organized Feb 7, 1877 Write injuries in dust, benefits in marble



Get one of those cakes used in public toilets and place it on your engine block when you store your tractor for the winter. The odor should keep the mice away.

Home Hints Stamp down snow cover around young fruit and ornamental trees after each storm to make tunneling difficult for mice.

OLD FARMER'S WEATHER FORECAST

New England: Through midweek rain, changing to snow, end of week clear and cold.

Greater New York-New Jersey: Beginning of week warm with light rain, midweek cloudy and cold, flurries, end of week clear with seasonable temperatures.

Middle Atlantic Coastal: Beginning of week clear with very warm temperatures, midweek cloudy and cold, end of week sunny and warm.

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Leesport Livestock Auction

Leesport, Pa.

Wednesday, January 28, 1987

Report Supplied by PDA

CATTLE 238...PDA... SUPPLY INCLUDED 25 FEEDER CATTLE

Compared to last Wednesday's market: Slaughter steers steady, spots \$2 higher; Slaughter cows steady to \$1.50, some to \$2 higher. Choice sl. steers 1200-1400 lbs. 59.25-65.25, Good 53.50-60; few Choice holsteins 53.25-55.50, Good 50.50-53, Standard 46.00-50.25. Few Choice 950-1350 lbs. sl. heifers 56.75-64, Good 50.25-55.50, few Good holsteins 48.50-49.00. Breaking Utility and Commercial sl. cows 40.50-45.25, couple 46.75, Cutter and Boning Utility 38.00-43, Canner and Low Cutter 34.50-38.00. Few Choice sl. bullocks 53.25-54.75, few Good 50.00-52.00. Yield Grade No. 1, 1050-1720 lbs. sl. bulls 46.00-53.75, few No. 2 900-1300 lbs. 39.50-45.75. Feeder Cattle: Few Large Frame No. 2, 400-750 lbs. heifer holsteins 39.50-46.50.

CALVES 158...Few Choice vealers 87.00-100, few Good 70.00-86, few Standard and Good 110-130 lbs. 60.00-65, 75-100 lbs. 48.00-58, few Utility 60-80 lbs. 40.00-46.00. Farm Calves: Holstein Bulls 90-125 lbs. 80.00-108.00.

HOGS 285...Barrows & Gilts \$1 to \$3 higher. US No. 1-2 220-235 lbs. 54.

54.50, 1-3 220-250 lbs. 52.75-53.60, 2-3 210-255 lbs. 50.25-53.75, 3-4 240-260 lbs. 50.00-51.35. US No. 1-3 350-625 lbs. sows 44.50-47.25. Boars 38.00-44.00.

FEEDER PIGS 71...Lot US No. 1-3 18 lbs. feeder pigs 24.00 per head; few Lots 35-40 lbs. 99.00-104.00 — all per hundredweight.

SHEEP 5...Few Slaughter ewes 32.00-43.00.

GOATS 5...Few Large Adults 34.50-53.00 — all per head.

Belknap Livestock Auction

Dayton, Pa.

Wednesday, January 28, 1987

Report Supplied by PDA

CATTLE 62...PDA... Compared with last Wednesday's market: Choice slaughter heifer, individual 54.00, few Good 47.00-50.75, few Standard 42.00-43.50. Breaking Utility and Commercial sl. cows 41.00-44, couple 44.75, Cutter and Boning Utility 37.00-41, few Canner and Low Cutter 33.00-37.50, Shells down to 30.00. Standard slaughter bullock, one 47.75. Couple Yield Grade No. 1, 1370&1400 lbs. sl. bulls 49.00&47.75.

CALVES 49...Few Good vealers 63.50-73, few Standard and Good 95-110 lbs. 52.50-57, 65-85 lbs. 42.50-50.00. Farm Calves: Holstein Bulls 95-130 lbs. 70.00-95, one 105.00. Few Beef cross bulls and heifers 75-115 lbs. 53.00-84.00.

HOGS 166...Barrows & Gilts mostly \$1 higher. US No. 1-3 230-245 lbs. 48.00, 1-3 210-245 lbs. 47.50-48, small lot 48.40, lot 2-3 215 lbs. 46.00, few 1-3 205-210 lbs. 46.75-47.30. Few US No. 1-3 380-410 lbs. sows 43.75-45.50. Couple Boars 36.00&38.75.

FEEDER PIGS 50...US No. 1-3 25-35 lbs. feeder pigs 23.00-39.00, lot 50 lbs. 51.00 — per head.

SHEEP 11...Couple small Lots High Choice and Prime 86&88 lbs. New Crop Lambs 87.00&86.00. Few slaughter ewes 32.00-40.00.

GOATS 1...46.00 per head.

Belleville Livestock Auction

Belleville, Pa.

Wednesday, January 28, 1987

Report Supplied by PDA

CATTLE 80... Report is supplied by the auction...Choice slaughter heifers 38.75-47.50. Slaughter cows 32.00-44.75. One Yield Grade No. 1, slaughter bull 44.75. Feeder Cattle 37.25-51.50.

CALVES 99...Vealers (includes Farm Calves) 45.00-123.00.

HOGS 79...Barrows and gilts 49.10-52.75.

FEEDER PIGS 244...Feeder pigs 15.50-46.00 — all per head.

SHEEP 0...No market test.

GOATS 0...No market test.

HOLSTEIN DAIRY COWS \$380.00-\$1210.00 — ALL PER HEAD.

Omaha Cattle

Omaha, Ne.

Thursday, January 29, 1987

Report Supplied by USDA

WEEKLY 51-CATTLE— SLAUGHTER STEERS AND HEIFERS CLOSED HIGHER THIS WEEK UNDER THE INFLUENCE OF GOOD BUYER DEMAND FOLLOWING RELEASE OF CATTLE ON FEED REPORT. CLOSING LEVELS OF BOTH STEERS AND HEIFERS 2.00-2.50 HIGHER, MOSTLY 2.00 HIGHER THAN LAST WEEK. WHOLESALE BEEF PRICES NOT IN LINE WITH LIVE COSTS EVEN THOUGH PRICES HAVE ADVANCED 4.00 OR MORE THIS WEEK. WITH LIGHT SELLING AT DIRECT POINTS LATE LAST WEEK AND EARLY THIS WEEK, PACKERS WERE FORCED INTO A HIGHER MARKET TO OBTAIN SLAUGHTER REQUIREMENTS.

SLAUGHTER COWS 4.00-6.00 HIGHER. SLAUGHTER BULLS 1.00-2.00 HIGHER AS DEMAND FOR THESE CLASSES TURNED VERY GOOD.

ESTIMATED 5 DAY RECEIPTS THIS WEEK 5700 COMPARED TO ACTUAL RECEIPTS LAST WEEK OF 6563 AND 5868 LAST YEAR. SLAUGHTER STEERS ACCOUNTED FOR 49 PERCENT OF RECEIPTS THIS WEEK, HEIFERS 37 PERCENT, COWS 7 PERCENT AND FEEDER CATTLE 5 PERCENT. SLAUGHTER STEERS: CLOSING SALES CHOICE 2-4 1050-1350 LBS 60.50-62.00, LOAD 62.25. MIXED GOOD AND CHOICE 2-3 1000-1200 LBS 50.00-60.50.

SLAUGHTER HEIFERS: CLOSING SALES CHOICE 2-4 950-1150 LBS 59.50-61.00. MIXED GOOD AND CHOICE 2-3 900-1050 LBS 57.50-59.50. GOOD 55.50-57.50.

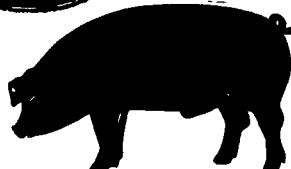
AVERAGE OF LS 214 DETAILED PRICE QUOTATIONS FOR CHOICE 900-11 00 LB STEERS THIS WEEK 60.08, 1100-1300 LBS 60.79. AVERAGE COST OF ALL SLAUGHTER STEERS THIS WEEK 59.96, AVERAGE WEIGHT 1203 LBS COMPARED TO 58.64 AND 1212 LBS LAST WEEK. AVERAGE COST OF ALL SLAUGHTER HEIFERS THIS WEEK 58.86, AVERAGE WEIGHT 1057 LBS COMPARED TO 57.54 AND 1060 LBS LAST WEEK.

SLAUGHTER COWS CUTTER AND BONING UTILITY 1-3 42 50-47 00, HIGH DRESSING TO 49.00, COUPLE INDIVIDUALS 50.25. CANNER AND LOW DRESSING CUTTER 37 00-42 50, FEW SHELLS TO 35 00.

SLAUGHTER BULLS 1-2 1500-2100 LBS 47.50-53 00, COUPLE HIGH DRESSING 1 58.50 AND 60.25.



GWALTNEY of SMITHFIELD, LTD.



RECEIVING HOGS: LANCASTER COUNTY FARMERS

MONDAYS: McCoy's Branch Office, Bareville
WEDNESDAYS: (Next to Bawells Butcher Shop)
FRIDAYS: on Butler Rd. 717-656-9668

TUESDAYS: B & R Cattle
THURSDAYS: Marietta 717-426-3258

YORK COUNTY FARMERS

MONDAYS: Stewartstown 717-993-2564
TUESDAYS: Thomasville 717-792-2248 or 9836

Contact for information:

Ed Herrmann, 717-284-3203
or Charlie Kauffman, 215-593-5674
Future forward contracts available

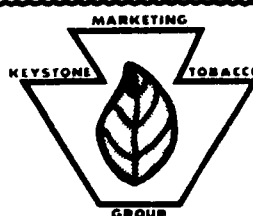
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USDA Inspection

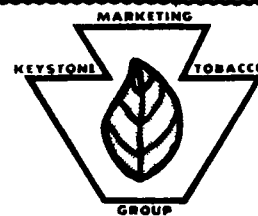
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Lancaster & Chester
Counties



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TOBACCO NOTICE

TO ACCOMODATE THE
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SALES SCHEDULE
IS NECESSARY

NEW SALES SCHEDULE

Monday, Feb. 2 - P.T.A., Intercourse - 9 a.m.

Monday, Feb. 2 - P.T.A., Intercourse - 1 p.m.

Tuesday, Feb. 3 - Garden Spot, Blue Ball - 9 a.m.

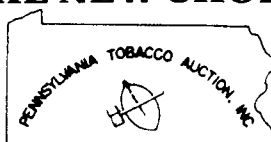
Tuesday, Feb. 3 - Paradise Tobacco, Paradise - 1 p.m.

The tobacco auction system is working for you. For most growers, the auction system has provided the best opportunity to turn crop into cash. For some growers, the auction system has been the only opportunity to receive an offer.

Keystone Tobacco Marketing Group
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717-299-3001



717-768-7100 - Intercourse
717-786-8500 - Quarryville



Garden Spot
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Livestock market and auction news

Shenandoah Valley Livestock

Harrisonburg, Va.
Sat., Jan. 24, 1987

Report supplied by auction

FEEDER CATTLE TREND:

STEERS: M&L-1 300-500 lbs. 1 Lot at 62.50; 500-700 lbs. Few 58.75-63.00; 700-1000 lbs. Few 52.75-55.75.
HEIFERS: M&L-1 300-500 lbs. Few 55.50-56.50; 500-700 lbs. Few

54.00-55.75; 700-1000 lbs. 1 Lot at 55.75.

STOCK COWS: Baby Calves: Small & Medium 35.00-75.00, Large 95.00-114.00.

SLAUGHTER COWS TREND: Utility & Commercial 2-4 37.00-42.00.

SLAUGHTER BULLS: 1&2 1 at 48.75.

HOGS: Sows 1-3 50.00.

Virginia Cattle

Richmond, Virginia
Northern, Va.

Thurs., Jan. 22 to

Wed., Jan. 23, 1987

Report Supplied by VDA

No livestock sale due to snowstorm.

Mercer Livestock Auction

Mercer, Pa.

Tuesday, January 27, 1987

Report Supplied by PDA

CATTLE 210...PDA. Compared with last Tuesday's market:

Slaughter Steers mostly steady; Cows .50 to \$1 higher. Choice sl. steers 56.00-61, one 61.80, Good 53-56.50, Standard 47-53.50, few Utility 41.00-45.00. Few Choice sl. heifers 55-56.50, Good 50-54.75, Standard 44.50-50, Utility 40.00-45.00. Breaking Utility and Commercial sl. cows 40.50-45.25, one 47.75, Cutter and Boning Utility 38.00-42, Canner and Low Cutter 35-38.25, Shells down to 28.00. Yield Grade No. 1 1100-2000 lbs. sl. bulls 45-51.50, No. 2 1000-1300 lbs. 41-44.50. Feeder Cattle: Few Medium Frame No. 1, 400-750 lbs. steers 49.00-58.00. Medium Frame No. 1, 270-640 lbs. heifers 46-54.50. Medium & Large Frame No. 1, 500-700 lbs. bulls 50.00-57.00.

CALVES 115...One Choice vealer 90.00, few Good 66.00-78, Standard and Good 90-120 lbs. 46.00-59, 60-85 lbs. 40.00-47, few Utility 50-80 lbs. 20.00-30.00. Farm Calves: Holstein Bulls 90-125 lbs. 80.00-112, few Holstein Heifers 90-110 lbs. 70.00-86.00.

HOGS 178...Barrows and gilts \$1 to \$1.50 higher. US No. 1-2 220-250 lbs. 48.10-49.50, 1-3 215-260 lbs. 47.50-48.20. Few US No. 1-3 500-600 lbs. sows 46.00-46.50. Couple Boars 32.00&35.00.

FEEDER PIGS 0...No market test.

SHEEP 0...No market test.

GOATS 0...No market test.

Farmers Livestock Auction

Duncansville, Pa.

Mon., Jan. 26, 1987

Report supplied by auction

CATTLE 287. STEERS: H. Choice & Prime 61.50-62.25; Choice 59.50-61.00; Good 56.50-58.00; Standard 50.50-54.25.

HEIFERS: Choice 53.50-56.00; Good 52.25-54.50.

COWS: Utility & Commercial 43.25-48.00; Cutters 37.50-42.50; Canner & Low Cutter 33.50-38.00.

BULLOCKS: Good & Choice 49.50-53.00.

BULLS: Yield Grade No. 1 46.50-

51.00.

FEEDER CATTLE: Steers Good 53.50-55.00, Standard 48.25-51.50; Bulls Good 47.50-52.25, Standard 45.50-48.00; Heifers Good 47.50-53.25, Standard 43.50-47.50.

CALVES 389. Prime 90.25-98.50; Choice 85.50-93.00; Good 75.50-82.50; Standard & Good 60.50-74.00; 90-110 lbs. 55.50-64.00; 65-90 lbs. 42.50-54.00; Holstein Bulls 90-125 lbs. 95.00-119.00; Holstein Heifers 90-120 lbs. 55.50-65.50.

HOGS 106. US No. 1-2 49.50-50.25; US No. 1-3 47.50-48.00.

SOWS: US No. 1-3 41.50-44.00. Boars 33.50-35.00.

FEEDER PIGS 34. US No. 1-3 20-35 lbs. 30.00-37.00 per head; No. 1-3 35-50 lbs. 38.00-43.00 per head.

SHEEP 6. Choice 74.50-81.50; Sl. Ewes 28.00-31.00; 1 Goats \$4.00 per head.

Hay 7 loads 71.00 to 116.00 per ton; Straw 3 loads 70.00 to 72.00 per ton.

Valley Livestock

Athens, Pa.

Monday, Jan. 26, 1987

Report supplied by auction

Holstein Hfr. Calves to 69.00.

Veal Calves 70.00-79.00.

Vealer Bull Calves 80.00-119.00.

Slaughter Calves 50.00-60.00.

Grassers & Feeders 34.00-45.00.

Lambs 70.00-140.00.

Sheep 25.00-35.00.

Hogs, 200 to 250 45.00-52.00.

Sows 36.00-45.00.

Boars 34.00-42.00.

Pigs each none.

Heifers 36.00-45.50.

Steers none.

Steers, feeder 36.00-50.00.

Bulls 44.00-51.00.

Cows, utility 38.00-42.00, top 44.25.

Cows, fat 38.00-43.00.

Cows, medium 36.00-38.00.

Cows, poor or small 28.00-35.00.

Cattle Market steady.

Calf Market steady.

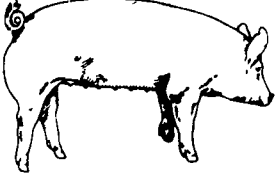
Horses each small 90.00.

Ponies each small 80.00.

Goats each 25.00-40.00.

Remarks: Real active market.

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Ken & Lois Emery, Proprietors

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Cattle & Calves 8 AM to 3 PM

THURSDAYS - Cattle & Calves
8 AM to 3 PM

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DALE R. HOOVER - Owner

Business 814-793-3077

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RD 4, Danville, PA

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- We will also accept your sows & boars.
- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
Danville Buying Station

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OPINION

Let's Go To The Keystone Cornucopia

Since 1981, the State Council of Farm Organizations has been pairing agricultural and food industry leaders with state and federal legislators and policymakers. And the pairing has occurred over plates laden with fresh Pennsylvania-produced foods.

Where has this tasty meeting occurred? Each year at the Council's Keystone Cornucopia, the premier agricultural and food industry celebration. This year the event is set Monday, February 9.

This provides a united front for the Commonwealth's agricultural industry. The Council accomplishes this by pulling together the tremendous number of organizations and associations serving agriculture in Pennsylvania.

This is the only event of the year where processors and producers join forces to promote and celebrate the bounty of our state's agricultural product.

Also, it is possibly the only event of the year that pulls together the various farm organizations and cooperatives that serve the state's farming community. Events like the Cornucopia show officials in Harrisburg that agriculturists work together for the betterment of our agricultural economy.

Tickets are rather expensive—

\$30.00 each. But there is a coupon on page A-13 that allows you a \$5.00 discount.

What do you get for your \$25.00? First, you are treated to a feed fit for royalty...and Pennsylvania's commodity royalty will be there to help you enjoy yourselves! From the hour-long reception to the laden buffet-table, you may eat your fill of Pennsylvania's bounty.

Second, you have an opportunity to visit with agricultural and elected leaders. From PFA, the Grange, PFU and PAFC representatives, to state House and Senate Ag Committee leadership...from Food Processors Association members to dairy, poultry, beef, pork, mushroom and vegetable groups...you have an opportunity to talk with and share opinions with leaders from your commodity area.

Third, you have the opportunity to hear a few words from the new Agriculture Secretary designee as well as veteran Farm Journal editor emeritus Lane Palmer.

And finally, you can treat yourself to a scrumptious make-your-own sundae bar to top off the evening!

The planners of this event would like more production farmers to attend for the impact it will have on the effort. It should be worth the cost to be there.



NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent

To Protect Your Lungs

Be it in the coal mines or on the farm... dust can destroy lungs. Farmers who are exposed to dust over long periods of time risk the disabling disease called "farmer's lung." As the dust accumulates in the lungs the tissue hardens. This can lead to a variety of respiratory ailments including bronchitis and asthma. If the condition is not diagnosed soon enough, irreversible lung damage may occur.

Preventing farmers' lung doesn't necessarily require any elaborate or expensive equipment...a simple mask when dust can't be avoided...for example when handling dry bedding, sweeping dusty walls or walks or grinding and mixing feed.

Keeping the overall level of dust down is also helpful; therefore, as soon as feed sacks or chemical containers are emptied, they should be discarded in the proper

manner. Regular housecleaning of work areas is another good idea. Not only will the area look better...you'll feel better without all that dust in your lungs.

To Observe Rabies Vaccination Law

Rabies is spreading across Pennsylvania, threatening the lives of humans and animals. Unvaccinated dogs and cats are a threat to the spread of the disease because of their frequent contact with people and their potential contact with rabid animals. Because of this risk, it has been a good practice to vaccinate dogs and cats for rabies.

As of February 13, 1987 all dogs and cats over 3 months of age must be vaccinated. Violators can be fined up to \$300 per day of violation. Innoculation must be administered or supervised by a licensed veterinarian.

The Pennsylvania Department of Agriculture will assist municipality, civic groups and others in establishing vaccination clinics. For more information, write the Pennsylvania Department of Agriculture, 2301 North Cameron Street, Harrisburg, PA 17110-9408, or call 1-800-PA-PENNA.

To Plan Legume Seeding

It's not too soon to make plans for seeding clover, alfalfa or winter grains. Many of our good stands have been obtained by making a broadcast seeding in late February or early March.

The value of seeding at this time is to take advantage of the alternate freezing and thawing to work the small seeds into the topsoil.

Wheat is usually the best grain to make late winter or early spring legume seedings. Barley and rye tend to develop too much growth and increase the potential for lodging which smothers out the small legume plants.

Broadcast seeding when the soil is "honeycombed" in early March works very well, but the use of a band seeder may be a better way to establish a new legume stand.

To Plan Your Estate

During my lifetime the management of farm labor, livestock, crops and machinery has been very important in order to obtain maximum production. Many farmers have excelled in these areas. Now, as we look into the mid-eighties, I feel that money management is of growing importance to the farmer and warrants much more attention and knowledge. The planning of your estate, including the making and updating of a will and also the proper farm transfer, is very important, especially with recent changes in the tax laws.

Today, the average farmer handles more money in one month than his ancestors did in a year. We urge more attention to estate planning and money management as part of good farm management.

We hope you plan to attend the Estate Planning meeting on Feb. 26 and the Farm Transfer meeting on March 12, both at 7:30 p.m. in the Farm and Home Center, Lancaster. Attorney John Becker, farm law specialist and Jesse Cooper, farm management specialist, at Penn State University will be the speakers.

that, often when he is painting a portrait, people tell him to "be sure to do me justice." What most of them need," he said, "is not justice, but mercy."

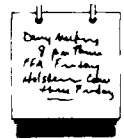
I don't know about you, but that brings me up short. If right now I were to be offered strict and perfect justice for my 56 years of life, could I afford to choose it? It doesn't take me long to answer with an emphatic "No!" To be sure, there have been some injustices perpetrated against me in my life. I could make—as you could—a nice little list of them. (Because I haven't really allowed myself to forget about some of them, they are rather easy to remember.) I can think of people who have taken advantage of me. I have been cheated numerous times and pickpocketed once. I have had people treat me unfairly, some who have lied to me, a few who have tried to cause me trouble. If I was "getting what is coming to me," I would certainly get a substantial indemnity on the basis of those injustices.

If we could stop right there, I—and all of us—would be sitting pretty. But, of course, we can't stop there. For there are also injustices that I have committed. (Of course, these are much easier to understand and partially justify than the ones committed against me!) And if I were to have to be punished or penalized for my sins, I know that I would owe far more than what is owed to me. Clearly, what I want—what I'm banking on—is mercy, not justice. As Paul puts it to the Galatians, "But if, in our endeavor to be justified in Christ, we ourselves were found to be sinners..." (2:17). In the light of God's justice, that's what all of us are found to be.

What all of us better bank on is the grace of God—counting on getting "not what's coming to us," but infinitely more. In Ephesians 2 we are assured of the richness of God's grace: "But God, who is rich in mercy, out of the great love with which he loved us, even when we were dead through our trespasses, made us alive together with Christ...that in the coming ages he might show the immeasurable riches of his grace in kindness toward us in Christ Jesus." (2:4,5,7).

God grant that I—and you—may never get just "what's coming to us!"

Farm Calendar



Saturday, January 31

York County 4-H Beef Banquet, Porter's Firehall, 7 p.m.

Cumberland County Holstein Breeders annual meeting, South Middleton Firehall, Boiling Springs.

Witmer Fire Company turkey supper, noon, Witmer.

Garden State Dairy Goat Association Meeting, Polish-American Hall, Whitehouse Station. Call 201-996-6682.

N.J. Beekeepers Association, Trenton State College. Call Jack Matthenius, 609-984-2285.

Monday, February 2

Pa. Nurserymen and Allied Industries Conference, Penn State University, 9 a.m. to 5 p.m.

Delmarva Dairy Meeting, Hartley Firehall, Hartley.

Montgomery County Extension Annual Meeting, Montgomery 4-H Center, Creamery, 7 p.m. For tickets call Extension office at 215-489-4315.

Hunterdon County Sheep Breeders Association monthly meeting, 8 p.m., Extension Center.

Tuesday, February 3

Swine Producer's Meeting, Valley Bank, Shippensburg.

Cumberland County Extension Annual Meeting, South Middleton Firehall, Boiling Springs.

Dairy Day, Westminster, Md., 9 a.m.

Ephrata Area Young Farmers officers and banquet committee meeting, Ephrata Jr. High School Conference Room, 7:30 p.m.

Wednesday, February 4

Delmarva Corn and Soybean Technology Conference, Wicomico Youth and Civic Center, Salisbury, Md.

Pa. Young Farmer Association Winter Conference, Gettysburg.

Farm Financial Management (Making Smart Decisions Seminar), session 1, Franklin County 4-H Center, Chambersburg, 12:30 p.m. to 3 p.m.

Schuylkill County Winter Vegetable Meeting, Dusselink Motor Inn, Pottsville, 9 a.m. to 3 p.m.

Hunterdon County Board of Ag monthly meeting, Extension Center, 8 p.m.

Thursday, February 5

In-depth Dairy Nutrition Series,

York County 4-H Center. Maryland Agricultural Dinner, Martin's West, Baltimore. Mercer County Corn Day, 10 a.m. to 3 p.m., Mercer Vo-Tech School.

Friday, February 6

Lancaster County Pork Producer's Banquet, Blue Ball Firehall, 6:30 p.m.

Second Annual Cordova VFD Farm Toy Show and Auction, Cordova Firehouse, Cordova, Md. Times — Friday, 6 to 10 p.m., Saturday, 9 a.m. to 5 p.m. (auction to follow at 6 p.m.). For more information call 301-364-5490.

Monday, February 9

Sixth Pennsylvania Cornucopia Banquet, Hershey Convention Center.

Luzerne County Corn Clinic, Luzerne Extension Office, Wilkes-Barre, 7:30 p.m.

Tuesday, February 10

Capital Region Turf and Ornamental School, Holiday Inn, Grantville.

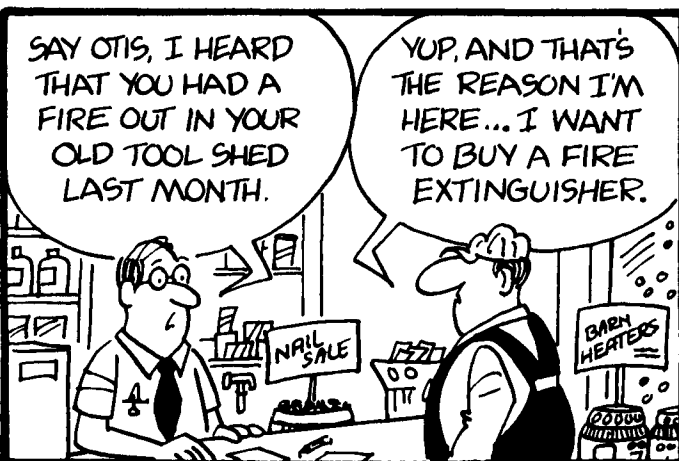
Atlantic Breeder's Cooperative, North Western, Country Table Restaurant, 7 p.m.

Lancaster County Sheep and Wool Growers annual meeting, 7:30 p.m., Farm and Home Center.

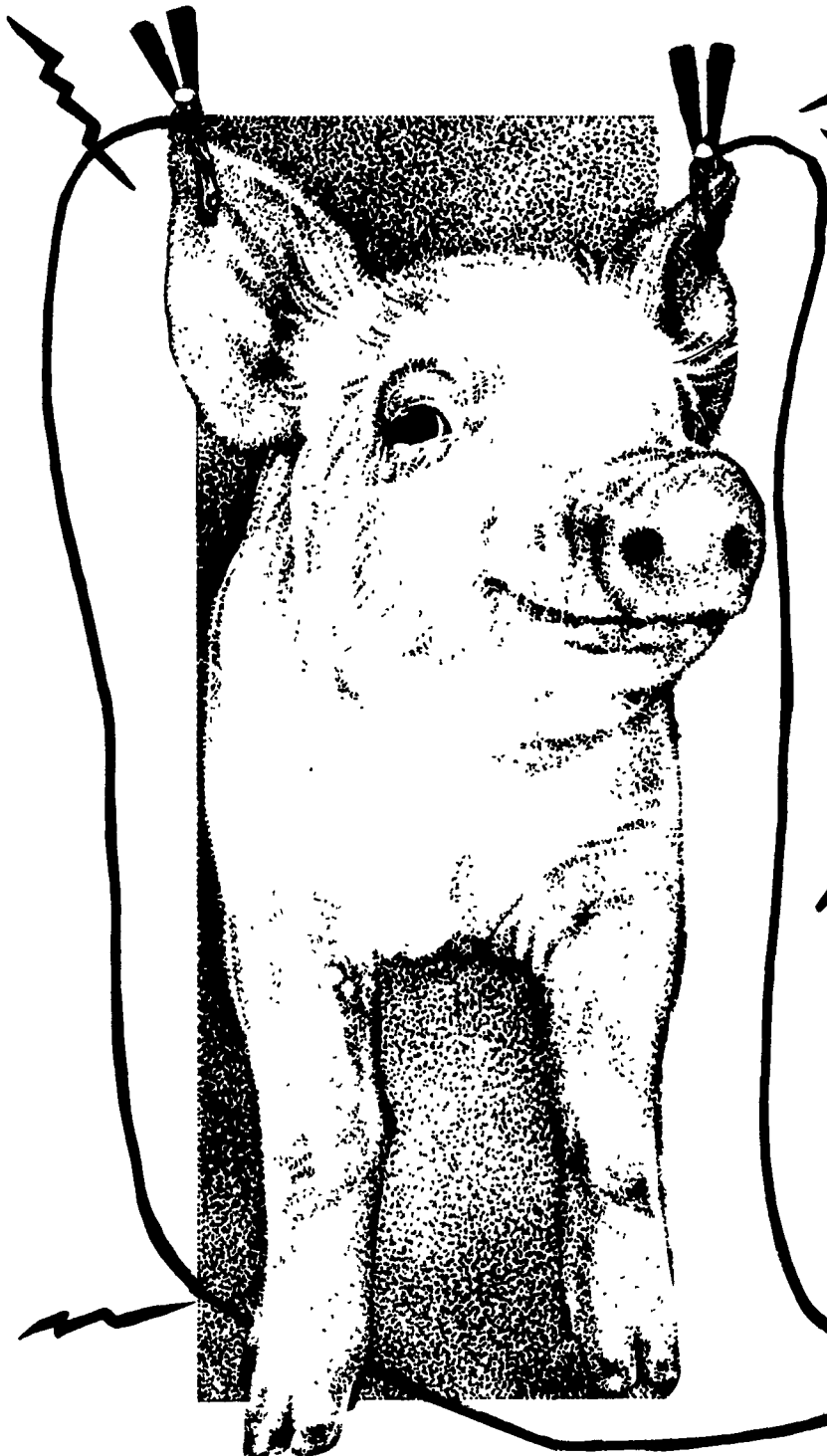
Making Smart Farm Decisions (3 sessions), York County Extension office, 7 p.m. Also on Feb. 17 and 24.

Making Smart Farm Decisions (3 sessions), Cumberland County Extension Office, 12:30 p.m. to 3 p.m. Also on Feb. 17 and 24.

(Turn to Page A31)



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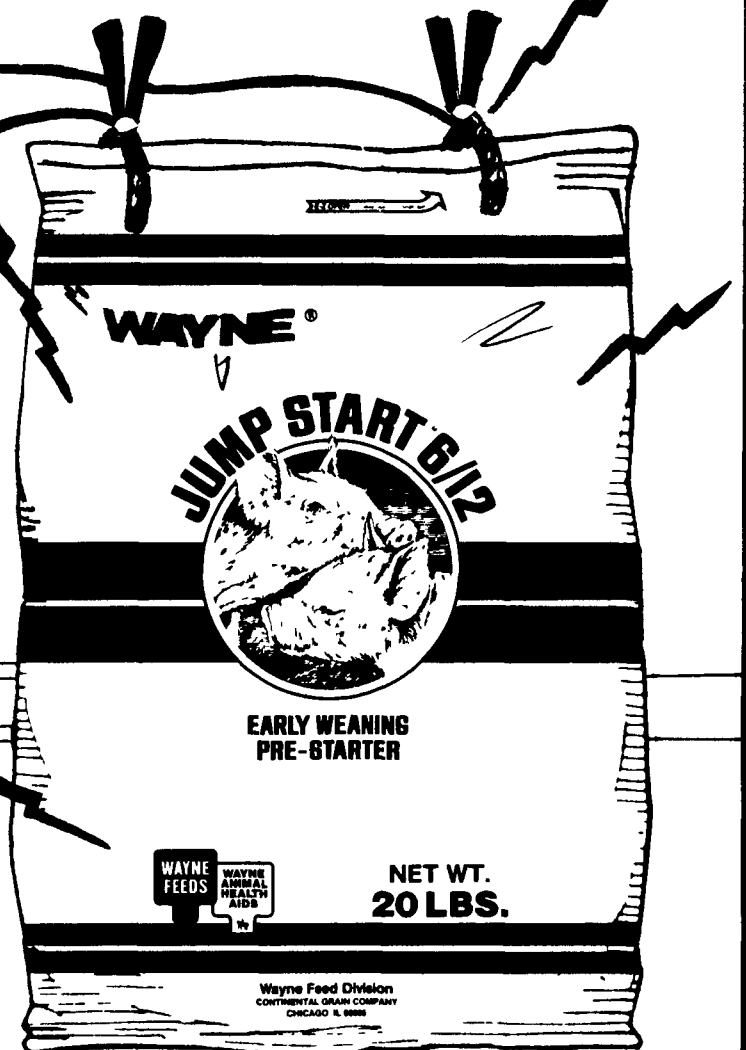
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Livestock market and auction news

Dewart Livestock Auction

Dewart, Pa.
Monday, January 26, 1987
Report Supplied by PDA

CATTLE 113..PDA...Good slaughter steers 52.00-55.00, couple 57.75, few Good holsteins 54.00-55.50. Few Choice slaughter heifers 56.75-60.00. Breaking Utility and Commercial slaughter cows 38.50-41, couple 43.50, Cutter and Boning Utility 36.75-40, Canner and Low Cutter 34.00-36.50. Few Yield Grade No. 1, 1100-1860 lbs. slaughter bulls 43.00-47.75. Feeder Cattle: Few Medium Frame No. 1, 400-450 lbs. steers 56.00-66.00.

CALVES 219...Few Choice vealers 89.00-100, few Good 65.00-85, few Standard and Good 110-130 lbs. 62.00-65, 70-105 lbs. 52.00-60, few Utility 60-80 lbs. 40.00-50.00. Farm Calves: Holstein Bulls 90-125 lbs. 70.00-102, few to 108.00, Small Frame 90-95 lbs. 55.00-65; few Holstein Heifers 90-120 lbs. 65.00-78.00.

HOGS 35... US No. 2-3 205-250 lbs. barrows and gilts 47.60-48.70. Few US No. 1-3 300-660 lbs. sows 40.00-44.50. Few Boars 38.00-38.25.

FEEDER PIGS 53...US 1-3 30-50 lbs. feeder pigs 30.00-42.00, lot 65 lbs. 45.00 — all per head.

SHEEP 0...No market test.
GOATS 0...No market test.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, January 27, 1987
Report Supplied by PDA

CATTLE 195...PDA...Compared with last Tuesday's market: Slaughter cows mostly steady to \$1 higher. Couple Choice steers

59.75&61, few Good 56.25-59.25, few Standard 52-57.25; Good & Choice 1300-1660 lbs. holsteins 50.75-55.75, few Standard 46.75-49.75, few Utility 43.50-45.75. Two Choice sl. heifers 54.25&58.35, few Good 45.75-47.75, one 51.75, few Utility & Standard 39.60-45.00. Breaking Utility and Commercial sl. cows 41.75-44, few 46.00, Cutter and Boning Utility 37.25-41.50, few 43.25, Canner and Low Cutter 33.50-37.85, Shells down to 25.00. One Utility sl. bullock 48.00. Few Yield Grade No. 1, 1630-1920 lbs. sl. bulls 50.50-52.85.

CALVES 171...Vealers unevenly stay. Few Choice 92.00-99, few Good 80.00-89, Standard and Good 90-120 lbs. 48.00-56, 80-90 lbs. 45.00-50, Utility 50-85 lbs. 35.00-47. Farm Calves: Holstein Bulls 90-130 lbs. 64.00-110, mostly 80.00-103, 80-90 lbs. 56.00-61; Holstein Heifers 100-125 lbs. 57.00-78; Few Beef cross bulls & heifers 95-110 lbs. 59.00-65.00.

HOGS 117...US No. 1-2 215-220 lbs. barrows and gilts 51.00, 1-3 215-245 lbs. 50.50-55, 2-3 230-255 lbs. 49.85-50.25, few 1-3 145-190 lbs. 41-47.75. Few US No. 1-3 300-450 lbs. 44.50-47.50, few 515-530 lbs. 43.25-44, few 2-3 300-455 lbs. 39-42.50. Two Boars 40&43.50.

FEEDER PIGS 5...No market test.
SHEEP 1... One Slaughter ewe 24.00.
GOATS 0...No market test.

Eighty-Four Livestock Auction

Eighty-Four, Pa.
Monday, January 26, 1987
Report Supplied by PDA
CATTLE 411... PDA...Few Good slaughter steers 53.00-55.00,

Standard 46.00-50, few Utility 39.50-43.50. Few Good sl. heifers 48.50-53, Standard 41.50-47.50, Utility 38.00-44.00. Breaking Utility and Commercial sl. cows 41.00-45, Canner and Low Cutter 30.00-37.50, Shells down to 26.00. Few Yield Grade No. 1, 1100-1700 lbs. sl. bulls 44.00-49, few No. 2, 900-1400 lbs. 39.00-43.00. Feeder Cattle: Few Medium & Large Frame No. 1, 360-550 lbs. steers 58.00-66. Medium & Large Frame No. 1, 325-500 lbs. heifers 46.00-58. Medium & Large Frame No. 1, 360-600 lbs. bulls 54.00-64.00.

CALVES 201...Few Choice vealers 86.00-94, few Good 72.00-85, Standard and Good 90-120 lbs. 46.00-60, 60-85 lbs. 42.00-48, few Utility 50-80 lbs. 31.00-39.00. Farm Calves: Holstein bulls 90-120 lbs. 70.00-135.00.

HOGS 75...US No. 1-2 210-250 lbs. barrows and gilts 41.75-48.75, few 1-3 210-250 lbs. 46.50-47.25. US No. 1-3 400-550 lbs. sows 45.00-46.50. One Boar 36.50.

FEEDER PIGS 10...Lot US No. 1-3 40 lbs. feeder pigs 33.00 — all per head.

SHEEP 46...Lot High Choice 104 lbs. wool slaughter lambs 86.00, Choice 90-106 lbs. 78.00-80; lot Good

54 lbs. feeder lambs 74.00. Slaughter ewes 20.00-26.50.
GOATS 0...No market test.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, Jan. 27, 1987

Report supplied by auction

SLAUGHTER COWS: Receipts light due to snow and cold. Cows High Yield 43.00-45.00, 1 to 50.00; Utility 38.00-43.00; Canners 36.00-39.00; Shelly 35.00-Down. Bulls High Yield to 52.00; Good Holsteins 45.00-48.25. Fed Steers Good 51.00-55.25. Fed Heifers Choice 1,100-1,200 lbs. 55.00-58.00; Good 52.00-55.00. Veal Calves \$2 Higher; Killers 80-100 lb. 48.00-53.00; Weak/Rough 42.00-Down. Farm Calves Holstein Bulls Good Demand; 100-120 lbs. 90.00-106.00; 90-95 lbs. 60.00-102.00. Holstein Heifers 100-120 lbs. 53.00-60.00. Butcher Hogs Light Run. US #1&2 1 Lot 208 Lbs. 48.60. Sows None. Boars 300-500 lbs. 34.50-35.25.

STOCK CATTLE: Few Offered. Steers Few 400 lbs. 59.00-60.00; Several 800-1050 lbs. 46.00-54.00. Heifers 400-600 lbs. 40.00-46.50. Bulls 1 895 lbs. at 44.00. Lambs 75-95 lbs. 72.00-74.00; 100 lb. buck 1.10.

64.00. Sheep 23.00-24.50. Goats 62 Head Medium to Large 40.00-51.00; Medium 30.00-40.00; Kids 30.00-Down. Pigs and Shoats Light Run. By The Head 20-35 lbs. 24.00-29.00; 40-50 lbs. 30.00-39.00. By The Lb Few 160-190 lbs. 40.00-43.00; Stock Boars 200 lbs. 38.00.

Westminster Livestock

Small Animals, Eggs, Produce
Tuesday, Jan. 20, 1987
All Prices Per Head

Crates Sold 126.
DUCKS: 5.00-7.50.
GEESE: 5.00-6.50.
GUINEA PIGS: 3.25; Hamster 2.00.

CHICKENS: Large 2.00-3.75; Med. .85-1.25.
RABBITS: Large 3.00-7.50; Fryers 2.50-5.00; Bunnies 1.00-2.25; Angora 3.00-6.50.

Eggs 286 dz. All Prices Per Dozen.
Jumbo Brown .98-1.11; Extra Large Brown .76-.91; Large Brown .85-.90; Medium Brown .61-.66. Large White .72-.86.

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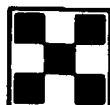
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Keister's Middleburg Livestock Auction

Middleburg, Pa.

Tuesday, January 27, 1987

Report Supplied by PDA

CATTLE 236...PDA...Compared with last Tuesday's market: Slaughter steers mostly \$1 higher; Cows strong to \$2 higher. Choice 1050-1420 lbs. sl. steers 58.50-60.85, couple 62.00, Good 50.00-58, few Choice holsteins 54.25-57.25, few

Standard 47.00-50.00. Few Choice sl. heifers 56.75-60, few Good 51.00-55.00. Breaking Utility and Commercial sl. cows 39.75-44.50, Cutter and Boning Utility 37.50-41.50, Canner and Low Cutter 34-37.25, Shells down to 30.00. Yield Grade 1 1150-2200 lbs. sl. bulls 49.50-57.00.

CALVES 205...Few Choice vealers 80.00-97, few 350-450 lbs. slaughter calves 74.00-77; few Good 75.00-87, Standard and Good

75-100 lbs. 50.00-58, Utility 60-80 lbs. 32.00-42.00. Farm Calves: Holstein Bulls 90-125 lbs. 85.00-125, few down to 55.00.

HOGS 374...Barrows and gilts .25 to \$1 higher. US No. 1, 215-235 lbs. 49.50-50.75, few 51.25, 1-2 210-245 lbs. 48.50-49.50, 2-3 200-250 lbs. 48-48.50, 2-4 200-270 lbs. 45.00-48.00. US No. 1-3 280-650 lbs. sows 39.00-42, 2-3 300-550 lbs. 35.00-39.00. Boars 35.00-36.25.

FEEDER PIGS 310...US No. 1-3

20-35 lbs. feeder pigs 30.00-47.00, 35-55 lbs. 46.00-60.00 — all per head.

SHEEP 18...Good and Choice 60-100 lbs. wool slaughter lambs 77.00-93.00.

GOATS 9...Large 33.00-77.00 — all per head.

HOGS 419...US No. 1-2 230-245 lbs. barrows and gilts 47.00-47.25, 1-3 215-250 lbs. 45.25-47, 2-3 215-255 lbs. 44-45.00, lot 2-4 275 lbs. 41.00, lot 3-4 270 lbs. at 38.00. US No. 1-3 300-665 lbs. sows 42.00-47.50, 240-300 lbs. 34.50-42.00. Boars 37.00-40.25.

FEEDER PIGS 30...US No. 1-3 30-40 lbs. feeder pigs 27.00-35.00 — all per head.

SHEEP 42...Choice and Prime 95-120 lbs. wool slaughter lambs 65.00-75.50, 75-95 lbs. 75.00-81.00. Slaughter ewes 15.00-28.00.

GOATS 8...8.00-15.00.

New Wilmington Livestock Auction

New Wilmington, Pa.

Monday, January 28, 1987

Report Supplied by PDA

CATTLE 228...PDA. Couple Choice slaughter steers 57.00&57.25, Good 52.50-56.25, few Standard 48.75-52.25. Choice sl. heifers 53.00-55.50, Good 50.00-52.50, few Standard 44.00-46.75, few Utility 40.00-42.00. Breaking Utility and Commercial sl. cows 40.50-44.25, couple 44.75&45.25, Cutte and Boning Utility 37.50-41.75, Canner and Low Cutter 34.50-38.00. Yield Grade No. 1, 1330-2115 lbs. sl. bulls 47.00-50.00. Feeder Cattle: Medium & Large Frame No. 1, 510-840 lbs. heifers 42.00-49.50, Large No. 2, 300-730 lbs. holsteins 38.00-46.50. Medium & Large Frame No. 1, 465-705 lbs. bulls 47.50-55, few 58.50-60.50.

CALVES 280...One Choice vealer 94.00, Good 65.00-80, Standard 50.00-61, Standard and Good 90-120 lbs. 45.00-54, 65-85 lbs. 30.00-45, lot Utility 55 lbs. 20.00. Farm Calves: Holstein Bulls 90-135 lbs. 90.00-130, few down to 70.00; Holstein Heifers 85-120 lbs. 54.00-64.00.

Sale of Work Horses, Mules and Driving Horses

New Holland Sales Stables

New Holland, PA

Friday, Jan. 23, 1987

209 head. VA work, prs., 1500.00-2100.00, singles, 575.00-1000.00; TENN work, prs., 1500.00-2100.00, singles, 650.00-850.00; VA work, singles, 525.00-800.00.

TENN Mules, prs., 2100.00-3600.00, singles, 525.00-825.00; TENN Mules, prs., 1975.00-2550.00, singles, 600.00-775.00.

Driving as follows: NJ, 430.00-460.00; PA, 460.00-1350.00 and 350.00-725.00; TENN, 550.00-775.00; OH, 575.00-700.00.

Local driving, 275.00-500.00; Work, singles, 450.00-600.00; Mules, 500.00-850.00.

ATTENTION TOBACCO FARMERS

Garden Spot is providing you a market for your tobacco. The buyers are here paying market prices for farmers who want to turn their tobacco into money. If you would rather have cash in your pocket than tobacco in your shed; consign your tobacco to the auction that works the hardest to get the most for you.

Receiving Tobacco Six Days A Week:

Monday - Friday 7:30 to 5:00

Saturday - 8 a.m. to 12 noon

Sales Every Tuesday - 9 A.M.

Prompt payment for your crop - Checks available day of sale

Trucking arrangements can be made

Warehouse located in Earland Industrial Park between New Holland & Blue Ball along Rt. 23 behind JB Zimmerman Hardware.

GARDEN SPOT TOBACCO AUCTION

Member:



Keystone Tobacco Marketing Group

"THE NEW CHOICE"



Garden Spot Tobacco Auction

PO Box 190
Blue Ball, PA 17506
717-354-6934
AY-23-L

MANURE FOR SALE

20 to 25 Ton Trailer Loads

\$8 per ton delivered within 15 mile radius.

CONTACT

VINTAGE SALES STABLES, INC.

Box 100, Paradise, PA 17562

717-442-4181 or L. Robert Frame, Sr.
717-768-8204 - office President
717-442-4294 - home Glenn S. Frame
Manager

ATTENTION BUTCHERS!

Bullocks For Sale Ready For Slaughter No Drugs or Hormones used. Hauling Available Thorpe Farms Call 215-862-2650 or 215-493-4900

You Are Invited To
The
1987

Keystone Cornucopia

Monday, February 9
Hershey Convention Center

Reception
6:00 p.m.

Buffet
7:00 p.m.

Guest Speaker

Lane Palmer, Farm Journal

Tickets: \$30.00

Receive a \$5.00 Discount By Mentioning This Ad -
Offer Good Through Feb. 4



HIAWATHA FASTENERS
6261 E. TAFT RD., NORTH SYRACUSE, NY 12212
PHONE: (315) 482-0033

5th Annual January Sale

50 Ton To Choose From

Purchase Your Bolts and Nuts

BY THE POUND
OPEN TO THE PUBLIC

Business Hours: 8 a.m. to 5 p.m. Daily

	Price Per Pound	Sale Price
Hex Bolts - Washers	1.10	.90
Nuts - Carriage Bolts (including SAE fine thread)	1.10	.90
Over 6" long Carr & Gr 2	1.35	
SAE 1/4" thru 1 1/4"	1.50	
Fender Washers	1.50	
Lock Washers	1.85	
Machine Screw Washers #6-#8-#10	1.85	
Grade 5 Hex Bolts USS	1.35	1.15
Grade 5 Hex Bolts SAE	1.65	
Grade 8 Hex Bolts USS	2.50	
Grade 8 Hex Bolts SAE	2.70	
Plow Bolts #3 Head Grade 5	2.10	
Plow Bolts - Clipped Head	2.70	
Hex Lag Screws	1.65	
Woodscrews - Phillips Flat Head	2.25	
Sheet Metal Screws	2.70	2.50
Machine Screws	2.00	
Cotter Pins	3.00	
Drywall Screws	2.70	2.50

We Stock The Best Supply Of Grade 8 Bolts in Central N.Y.
Coarse Thread and Fine Thread

We Ship UPS Daily
Call Your
Order In Collect

SPECIAL SALE ON ALL
Thakita Power Tools
Call For Quote on Other Models

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock			
CATTLE	CALVES	HOGS	SHEEP
Wednesday 01/28/87			
Week To Date (Est.)			
515,000	47,000	1,185,000	82,000
Same Pd. Lt. Wk. (Est.)			
523,000	47,000	1,215,000	84,000
Same Pd. Lt. Yr. (Act)			
517,000	47,000	1,169,000	89,000

Jersey Shore Livestock Market, Inc.

Auction every Thursday

January 29, 1987

Jersey Shore, Pa.

Report supplied by Auction

Return to Farm Calves 65.00-116.00.

Good Veal 80.00-90.00.

Common Veal 45.00-70.00.

Choice Steers 59.00-63.75.

Good Steers 54.00-61.00.

Common Steers 45.00-53.00.

Commercial Cows 37.00-45.00.

Canners-Cutters 38.00-43.00.

Shells 29.00-36.00.

Choice Heifers 58.00-61.00.

Good Heifers 53.00-57.00.

Common Heifers 38.00-52.00.

Good Feeders 55.00-70.00.

Common Feeders 29.00-54.00.

Bulls 48.00-56.00.

Good Hogs 48.00-50.50.

Heavies 49.00-50.00.

Sows 40.00-48.00.

Roughs 36.00-39.00.

Eggs .37-.64/doz.

PA Tobacco Markets

The following prices received at tobacco auction warehouses were supplied by the Keystone Tobacco Marketing Group.

Tobacco included in averages is mostly Maryland Type 000 with a small amount of Pennsylvania Type 41.

Week Jan. 26

Total volume this week- 103,700 lbs; Total volume last week- 291,000 lbs.

Top Quality- \$.45-.57; Average Quality- \$.30-.50; Outgrade- \$.05-.26.

HAY & STRAW SALE

12:00 Noon
Every Wednesday
Westend of Avondale
at the intersection of
Baltimore Pike and
Route 41.

Harvey Z. Martin
215-268-3604
(Office)
215-445-5303
(Residence)

WORK IN WARMTH!



SIZES
6 1/2-14
B-EE

Sizes and
widths vary
by style

INSULATION KEEPS
COLD OUT
WARMTH IN!

You've earned
your Wings!

Red Wings

BOOKS

SHOE SERVICE

107 E STATE ST
QUARRYVILLE, PA 17566
717-786-2795
CLOSED WEDNESDAYS

Four States Livestock

Hagerstown, Md.

Wednesday, Jan. 28

Report supplied by Auction

SLAUGHTER: Fed Steers, good run, \$2 higher; Choice & Prime 63.00-68.00; Good & Choice 56.00-62.00; Medium 50.00-55.00; Heifers Choice 58.00-63.00; Good 52.00-57.00; Medium 45.00-51.00; Cows very active, \$1 higher; High Yield 42.00-45.00; Average 38.00-41.00; Big Middle 33.00-37.00; Fatty Herf. 32.00-36.00; Shelly 32.00 down; Fat bulls steady; Good 46.00-48.00; Medium 43.00-45.00.

VEAL CALVES: Steady prices; Good 60.00-68.00; Medium 54.00-59.00; Farm Hfrs. 55.00-70.00; Farm Bulls 95.00-118.00; Light calves 44.00-52.00; weak calves 43.00 down.

LAMBS: Steady; Good 76.00-79.00.

STEERS: Light run due to cold weather; 300-500 lb. Good 55.00-57.50; Medium 50.00-54.00; Culls 49.00 down; Steers 600-850 lb. Choice 54.00-56.00; Good 50.00-53.00; Medium 46.00-49.00; Heifers (all weights) Choice 50.00-52.00; Good 46.00-49.00; Medium 41.00-45.00; Springing Heifers to \$650.00.

PIGS, HD.: Light run, steady prices. 20-40 lb. 28.00-33.00; Shoats by lb. 150-190 lb. 44.00-45.00; Sl. Hogs 210-250 lbs. 48.85-50.00; 240-280 lbs. 46.50-48.00; 290-380 lbs. 42.50-48.50. Sows 550-750 lbs. 41.25-45.00; 375-450 lbs. 39.50-41.00. Bulls Good 54.00-59.50; Med. 48.00-53.00.

Demand was strong for all classes of butcher cattle and hogs this week due to lighter runs everywhere.

Frederick Livestock

Monday, Jan. 26, 1987

Because of heavy snow, market was insufficient to report.

SPECIAL NOTICE

Vintage Sales Stables, Inc.
10 miles East of Lancaster, Rt. 30.

Send your hogs to us. We have a good demand for hogs. Every Saturday at 9 a.m.

L. Robert Frame, Manager
717-442-4181

F & S OF VIRGINIA HAY AUCTION

NEW MARKET, VA
EVERY TUESDAY, AT 11:30 A.M.

Open to everyone to buy & sell.

Drought Stricken area in the heart of the Shenandoah Valley Horse Country, Dairy & Beef Cattle Country. 3% Commission will be charged to the sellers.

Auction will be conducted at the F & S Auto Auction, located on Rt. 11 North, 2 miles North of New Market, VA and 3 miles South of Mount Jackson, VA.

Our policy is cash, certified check or bank approved letter.

For more information call:
703-740-8005 or 703-298-9187.

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Continued from Page A3)

WHEAT	FRI.	MON.	TUES.	WED.	THURS.	CORN	FRI.	MON.	TUES.	WED.	THURS.
MAR. 87	291	293 1/4	289	288	290 1/2	MAR. 87	159 1/2	159 1/4	156 1/4	155 1/4	156
MAY	271 1/4	273	270 1/4	269	271	MAY	165 1/4	165 1/4	163 1/2	161 1/4	162 1/4
JULY	253	254 1/4	252 1/4	251	252 1/4	JULY	169 1/4	170 1/2	168 1/2	166 1/2	167
SEPT.	252 1/4	253 1/4	252 1/4	251	251	SEPT.	173	173 1/4	171 1/2	170	170 1/2
DEC.	258 1/4	260	258 1/2	257	275 1/2	DEC.	176 1/4	177 1/4	176 1/4	174 1/2	175 1/4
						MAR. 88	184 1/2	185 1/4	183 1/4	182	182 1/4



EVERGREEN TRACTOR CO., INC.



TRACTORS:

(1) White 2-105 ~~SOLD~~ Guard	Make Offer
MF 50 Gas (recently overhauled)	\$2,850
MH 22 w/3 pt. and 2 row cultivator	\$1,650
4620, PS, cab, overhauled	\$9,750
JD 3020 side console, gas	\$5,850
JD 2440 Tractor	\$8,950
JD 450 Crawler Loader	\$10,500
JD 148 Loader for a 2640 or 2840 Tractor	\$2,850
JD 3020 Diesel Syncro	\$5,850
Farmall 300	\$1,500
JD 2510 Diesel, Syncro	\$5,850
JD 530	\$2,950
JD 146 Loader w/Independent Valve	\$2,950
JD 4010 Diesel (one of a kind)	\$5,500
JD 3020 Diesel, Power Shift, Wide Front	\$7,900
JD 3020 Diesel Side Console, WF, PS, Cab, Sharpest one you'll find	\$10,500
Farmall Super C w/2 Row Cultivator and Sickle Bar Mower	\$1,500

COMBINES & PICKERS:

JD 454, 4 Row Bean and Sunflower Head	\$2,650
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.	
6600 hydro, rotary screen, diesel, heater & air, chopper, US feeder house, monitor, adjustable rear axle, bin extension.	
6600 gear, rotary screen, diesel, monitor, heater & air, US feeder house, bin extension.	
4400 Diesel, rotary screen, heater, monitor, US feeder house, bin extension, chopper.	
NI 324 2 Row Wide 12 Row 327 bed	\$3,950
NI 818 combine with 13' flex head. Sharp	
NI 2 row narrow, pull type picker	\$3,950
(1) #343 3 Row 30"	
(1) #443 Corn Heads	
#244 Corn Head	
#244 Corn Head	
13' Grain Table	
(2) #444 Corn Heads	
15' Flex Head, Black Reel	
NI 2 row narrow w/sheller, A1	\$3,950
JD 444 Corn Head	
JD 343 Corn Head w/Harvester Adaptor	\$3,950
NI 4 Row ~~SOLD~~ w Head	

TILLAGE:

Kewanee 19' Flat Fold Model #200	
Field Cultivator	\$2,350
Kewanee #600 16' Wing Fold Disc	\$2,950
JD 1010 Flat Fold Field Cultivator 18'	\$3,250
JD BWF 14' Flex Disc	\$2,350
JD 1450 5x16 Plow	\$1,950
JD F845 Roll Over Plow (New)	\$2,850
JD 3-16 F620 Trailer Plow, nice	\$550
JD 4-16" F350 Auto Reset Plow	\$1,550
IH #55 11' Pull Type Chisel Plow	\$1,575
JD 145 4-16" Semi Mount Plow	\$1,250
Brillion 9' Packer	\$425
Add on bottom for JD 2500 18" Spring Reset Plow	\$500
JD BWF 21' Wing Fold Rock Flex Disc	\$2,650
JD 14' TWA Plowing Disc	\$2,450
Brillion 14' Packer w/Transport	\$975
Brillion 16' Packer w/Bridge Hitch	\$1,850

GRAIN DRYERS:

New Farm Fans AB8 Auto-Batch Dryer

MUST MOVE CALL FOR PRICE.

(Dealer Inquiries Welcome)

Coming in ...

Hudson 14' Tandem Axle Trailer	
JD 1450 4-16" Semi Mount Plow	
JD 4430 Quad Range, Sound Guard	
JD 2630 Hi-Lo w/Dual Outlet 540-1000 PTO & R&P Axles	
JD 863 10' Front Dozer Blade For 30&40 Series, Articulate 4 Wheel Drive Tractors	

HAY MACHINES:

Hesston Hydro-Swing Mower Conditioner	\$2,750
Hesston PT10 Mower Cond.	\$2,350
NH 850 Round Baler	\$3,850
JD #336 Baler w/#30 ejector	
Hesston PT 10 Mower Conditioner	\$950
15' Hyd Fold Bat Wing Mower	\$2,150

HARVESTERS & FORAGE EQUIPMENT:

NH Super 717 Harvester	\$2,450
NH P.U. Attachment	\$575
JD 35 Harvester, 2 row narrow & pickup, sharp	\$3,550
JD 15 Chopper	\$450
Gehl #72 Flail Chopper, sharp	\$2,450

PLANTERS & GRAIN DRILLS:

JD 20x6 Model B Plain Grain with Grass D.D	
JD 8 Row 7000 30" Planter	
IH #10 15 Hole Drill, Sharp	\$1,475
JD 8100 14x7 Drill w/Grass, Sharp	\$2,150
JD 20x7 Model B Plain Drill, Double Disk	\$1,850
1 Row 3 pt. Ellis Vegetable Planter	\$275

MISCELLANEOUS:

JD 201 Implement Carrier, 9'x32', New Style	\$2,450
NI PTO 2 Beater Spreader, Model 214	\$750
18.4x38 Direct Axle Dual Wheels	
14.9x38 Direct Axle Dual Wheels	
14.9x26 T-rail duals	
NH 679 tandem axle spreader, hyd. endgate	\$3,850
NH #90 Bale Mover	
NI 214 Spreader w/End Gate	\$1,850
Best Land Rock Picker	\$1,850
9 Tooth Folding Anhydrous Bar	\$1,250
Owatonna stack wagon, model #540	\$3,450
Cattle Feeder Wagon	\$750.00
JD 18 4x38 Direct Axle Duals	\$1,250
JD 6000 Hi Cycle Self Propelled Sprayer	

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES

JD 660 rakes w/front wheel and new tires	\$2,575
JD #1010 21' Flat Fold Pull Type Field Cultivator	\$3,875
JD #1010 12 1/2' Pull Type Field Cultivator	\$2,250
JD #940 12 1/2' S-Tine Pull Type Field Cultivator	\$1,875

SPECIAL NEW 16' 3 BEATER ARTSWAY FORAGE WAGONS \$3,450.00 each

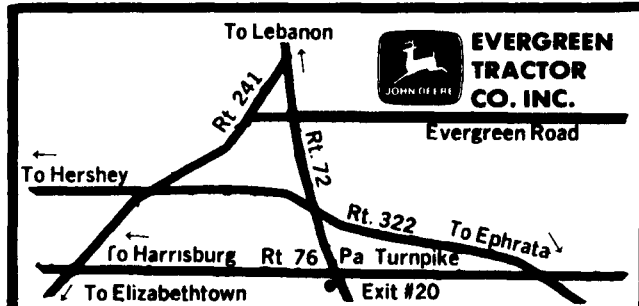
4 & Only!

SPECIAL
New JD Weather Shields
For 2840 Tractors
Part # AR86081

List \$317

SPECIAL \$140.

4 & Only!



30 Evergreen Rd, Lebanon, PA, (717) 272-4641 or Toll Free 1-800-441-4450

Livestock market and auction news

Apple Market News

January 21, 1987

Report Supplied by PDA

Demand fairly light. Market on Stayman trays lower, others steady.

Trends: Appalachian District shipments 37-48-50 including export of 113. Movement expected to increase slightly as retail demand improves. Shipments of apples are approximately 21% ahead of last years shipments to date. Trading fairly light, prices unchanged cartons 12/3# film bags, U.S. Fancy, 2 1/4" min., Red Delicious mostly 8.50-9.00, cartons Combination Extra Fancy and Fancy Red Delicious 72-88's, 9.00-10.00, 100-113's 10.00-11.00. Special storage cartons 12/3# film bags, U.S. Fancy, 2 1/4" Red Delicious 9.00. Controlled atmosphere offerings to few sales to quote. Very light export to Columbia and England.

SUMMARY

Cartons 12/3 lb. bags, U.S. Fancy, 2 1/4" Min. Regular cold storage

Red Delicious 8.50-9.00 few 8.00; Golden Delicious 7.00-8.00; Rome - few sales 7.00-8.00 few 7.00; Stayman - few sales 7.50-8.00 few

7.00 occ lower.

Controlled Atmosphere Storage, Red Delicious 10.00-11.00.

Cartons Traypack, Combination U.S. Extra Fcy & U.S. Fcy.

Red Delicious 72-88 9.00-10.00; Red Delicious 100-113 10.00-11.00 some 9.00-9.50; Red Delicious 125 10.00-11.00 occ 9.00-9.50; Stayman 100 15.00-16.00; Stayman 113 14.00-15.00 few 16.00; Rome 64-100 10.00-12.00 mostly 11.00.

Penns Valley Livestock

Centre Hall, Pa.

Tuesday, Jan. 27

Report supplied by Auction

Beef Cows: Utility and Commercial 40.50-43.50; Cutters 37.25-40.00; Canners 33.00-36.50; Shells 30.00.

Steers: Good 51.25-54.00; Standard 42.00-48.50.

Bulls: Good 47.50-51.00.

Feeder Cattle: 300-500 lbs. large frame 51.00-68.00; 500-700 lbs. large frame 47.00-64.00.

Veal Calves: Choice 73.00-89.00; Good 61.00-72.00; Standard 47.00-57.00; Utility 39.00-46.00.

Farm Calves: Bulls 95.00-134.00; Heifers 65.00-90.00.

Sows: 38.00-44.00.

Shoats: 25-30 lbs. per head

19.00-24.00; 30-35 lbs. per head 25.00-32.00; 35-50 lbs. per head 38.00-46.00.

Goats per head 31.00-46.00.

Carlisle Livestock

Carlisle, Pa.

Tuesday, Jan. 27, 1987

Report Supplied by Auction

CATTLE: Steers: Strong demand! Steady prices. Good 56.50-59.00; Medium 51.00-53.00; Medium Holsteins 47.00-Down. Heifers: Active 1.00 higher. Good 50.00-55.50; Medium 49.00 & Down; Holsteins to 52.00. Cows: Very active! 1.00 higher. High Yield 42.50-44.10; Good 39.00-42.25; Big Middle 35.00-41.00; Couple Shelly 34.00 & Down. FAT Bulls: Mostly Steady. Good 48.75-50.25; Medium 41.00-47.75.

FEEDER CATTLE: Too few to test market - (Light run).

VEAL CALVES: Very active 4.00 to 10.00 higher. Choice 80.00-97.00; Good 64.00-79.00; Medium 50.00-63.00; Light/weak 49.00 & Down. Farm Bulls 90.00-128.00.

HOGS: Barrows & gilts 1.00 higher. (US No. 1-3) 210-250 lbs. 47.50-50.75; 2&3's (all weights) 45.00-47.00.

SOWS: Heavy sows mostly steady, Light sows 1.00 higher.

Over 450 lb. 40.00-42.75; under 450 42.50-49.50; 2 & 3's 34.50-39.50; Boars: 32.00-35.25.

FEEDER PIGS (by the hd) Good run! (15-20 lb. 10.00-15.00) (25-35 lbs. 27.00-39.00) (40-50 lbs. 45.00-54.00) (50-60 lbs. 53.00-57.00).

SHEEP: Lambs: Choice 90.00-92.00; Good 82.50-88.00. Goats: Medium-Large 41.00-50.00.

Sale every Tues. evening 6 p.m. Early bird pens close at 2:00 p.m.

Grantsville Livestock

Grantsville, Maryland

Saturday, Jan. 24, 1987

Large: 46-54; Medium: 38-45.

HOGS: Top Barrows & Gilts 47.00-49.30; Heavy Butcher 46.00-48.50; Light Butcher 40.00-47.25; Butcher Sows 40.50-46.50.

VEAL: Good none available; Standard 60.00-70.00; Utility 40.00-50.00; Bull 75.00-100.00.

SHEEP & LAMBS: Utility 55.00-68.50; Slaughter Ewes 20.00-35.00.

SLAUGHTER CATTLE: Steers: Good 56.00-58.00; Standard 52.00-54.00; Utility 42.00-48.00.

HEIFERS: Good 51.00-53.00; Standard 46.00-50.00; Utility 35.00-42.00.

COWS: Commercial 36.00-43.25; Utility 34.00-35.00; Canner & Cutter 30.50-32.00.

BULLS: Commercial & Good

41.00-44.00; Cutter & Utility 38.00-40.00.

STOCK-FEEDER CATTLE: Yearling Steers: Good 55.00-58.50; Medium 48.00-52.00.

STEER CALVES: Good 58.00-60.50; Medium 52.00-55.00.

HEIFER CALVES: Good 52.00-56.00; Medium 40.00-48.00.

New Holland Sales Stables

New Holland Dairy

Wednesday, Jan. 28, 1987

Report supplied by auction

Reported receipts of 141 cows, 81 heifers and 3 bulls. Heifer Market stronger; cow market steady.

Load of PA fresh cows, 1275.00-1350.00.

Load of NY fresh cows, 900.00-1135.00, springers 800.00-1000.00.

Load of Canada fresh cows, 675.00-710.00, springers 690.00-1080.00.

Load of PA fresh cows, 630.00-1040.00.

Guernsey Herd, all stage cows, 315.00-780.00.

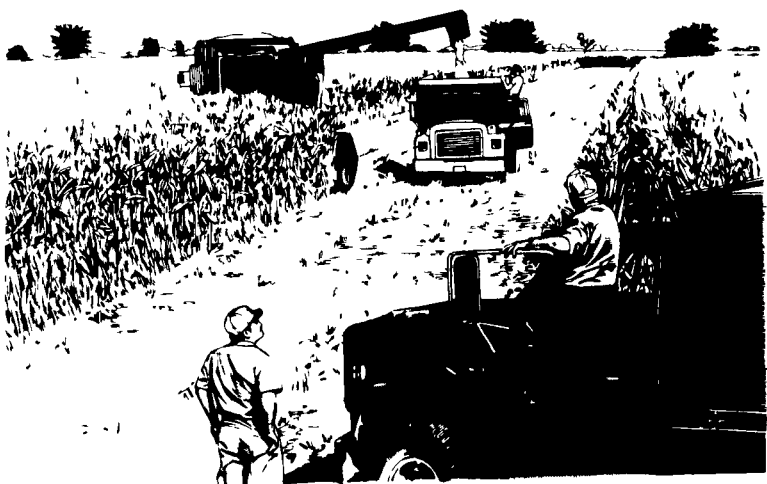
Herd of 30 head, all cows 435.00-1150.00.

Locally consigned cows 460.00-1000.00.

Springing heifers 560.00-790.00. Purebred 750.00-995.00.

Bulls 480.00-530.00.

... Even Better Than The "Talk of the Coffee Shop"



NEW Hybrids

Earning Their Way.

Bred-in performance keeps DEKALB-PFIZER hybrids going strong and yielding better. Even through the driest summer weather. Ask your Dekalb dealer for his Early Cash Discount plus a copy of the 1986 FACT Field Test Results on these and other Dekalb Hybrids.

DK 524

- Good plant health
- Fast drydown
- High yields
- Strong emergence
- Heat and drought tolerance
- 100-day relative maturity

DK 636

- Very high-yielding hybrid
- Very good seedling growth
- Good root and stalk strength
- Fast drydown; good drought tolerance
- Superior grain quality
- Medium-tall hybrid
- 113-day relative maturity

DK 572

- Extraordinary yields
- Stands up strong and healthy
- Quick drydown, excellent test weight
- Medium-short height
- Excellent harvestability, even if harvest is delayed
- 107-day relative maturity



DEKALB-PFIZER GENETICS

Earning Our Way On More Of Your Acres.

"DEKALB" is a registered brand name. Numbers designate varieties. As a condition of sale, please note statement of limited warranty and remedy on DEKALB-PFIZER GENETICS orders, tags and bags.

\$ \$ SAVE \$ \$

DRIP IRRIGATION & SUPPLIES

4 Brands

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PLASTIC MULCHES
Embossed or Regular

PLASTIC MULCH LAYING MACHINES - VINYL LAYFLAT: FILTERS: SUPPLIES

For Cash Savings Place Orders Before Feb. 15. Pay Later When Picking Up.

ZIMMERMAN'S

DRIP IRRIGATION

Phone (215) 445-6976 John W. Zimmerman
R#1 Box 358
East Earl, Pa. 17519

Jake, did you mark your calendar for the OPEN HOUSE at Binkley and Hurst Bros. on TUESDAY, FEBRUARY 17th?

You bet I did, Luke... I can hardly wait!

Do you know what they're offering??

YES...I hear the program they have planned is better than ever! And I also heard that starting on Open House Day they will be offering BIG DISCOUNTS on oil, filters and parts, continuing til Feb. 28th. I don't want to miss that for anything!

BINKLEY-HURST BROS. INC.

133 Rothsville Station Rd
Lutz, PA 17543
(717) 626-4705

Hours: Mon-Fri 9 AM-5 PM
Sat 9 AM-1 PM
Sun Closed, Lord's Day

SALES PARTS SERVICE

U.S. Carlot Beef

Thursday, January 29, 1987

Report Supplied by USDA

CENTRAL U. S. CARLOT BEEF REPORT (includes the major production areas in the Midwest, Texas and Oklahoma) as of 3:00 P.M.

Compared to Wednesday's 3:00 P.M. report, Choice 3 steer and heifer carcasses steady except 400-550 lb heifer 1.00 higher. Good heifer 1.00 higher, steer steady. Holstein-type steer carcasses 2.00 higher; Choice 4 not established. Demand light to moderate, movement slow to moderate on light offerings. 19 loads of steer carcasses and 5 loads of heifer carcasses traded to packer-processors.

Sales reported on 42 loads of steer and heifer carcasses.

STEER CARCASSES FOB OMAHA BASIS (21 loads reported).

CHOICE 3 Lds Range Latest Estb. Mkt. 600-900# 6 Lds. range 92.00, latest estb. mkt. 92.00; CHOICE 2 600-700# latest estb. mkt. 89.50-91.00 A.

CHOICE 4 600-900# unq.

GOOD 1-3 600-900# 3 Lds. range 89.00, latest estb. mkt. 89.00; 600-700# latest estb. mkt. 87.00-88.00 A.

HOLSTEIN TYPE CHOICE 1-3 600-900# 7 Lds. range 86.50, latest

estb. mkt. 86.50; GOOD 1-3 600-900# 5 Lds. range 81.50, latest estb. mkt. 81.50.

HEIFER CARCASSES FOB OMAHA BASIS (21 loads reported). CHOICE 3 550-800# 4 Lds range 90.00, latest estb. mkt. 90.00; 500-550# 5 Lds. range 85.00-87.00, latest estb. mkt. 87.00; 400-500# 4 Lds. range 84.00-86.00, latest estb. mkt. 86.00. CHOICE 2 600-700# latest estb. mkt. 88.50-90.00. A CHOICE 4 500-800# unq. GOOD 1-3 550-700# 8 Lds. range 88.00, latest estb. mkt. 88.00; 600-700# latest estb. mkt. 86.00 A; 400-550# latest estb. mkt. 72.00 B.

STEER CARCASSES FOB AMARILLO BASIS (loads reported) CHOICE 4 600-900# unq.

HEIFER CARCASSES FOB AMARILLO (loads reported) CHOICE 4 500-800# unq.

STEER AND HEIFER PRIMAL CUTS (loads reported). CHOICE 3 FOB OMAHA BASIS. HEIFER HINDS 119-167# latest estb. mkt. 102.00 A; FRONT QUARTERS 131-183# latest estb. mkt. 80.00 A.

COW AND BULL CARCASSES (22 loads reported) **MIDWEST:** Prices firm. Demand light to moderate on generally light supplies.

EASTERN TEXAS AND OKLAHOMA: Market not established, offerings limited.

SALES IN THE MIDWEST

PRODUCTION AREA. LDS FOB OMAHA BASIS.

Util, brkg 2-4 450/up# 2 Lds. latest estb. mkt. 67.00.

Util, bng 1-3 400/up# range latest estb. mkt. 73.00 A; 500/up# 12 Lds. latest estb. mkt. 76.00.

Cutter 1-2 350/up# latest estb. mkt. 82.00-82.50 A; 400/up# 3 Lds. latest estb. mkt. 85.00.

SALES IN EASTERN TEXAS AND OKLAHOMA PRODUCTION AREAS.

Util, bng 1-3 400/up# unq;

500/up# 3 Lds. FOB plant 79.00.

Cutter bng. 1-2 350/up# FOB plant 84.00-84.50 A, delivered plant 85.00-86.00 A.

Bull 1-2 600/up# 2 FOB plant 88.50.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS (41 lds reported).

90% chem lean 17 Lds. fresh 113.00-114.00.

85% chem lean 3 Lds. fresh 105.00-106.00.

75% chem lean fresh 85.00-89.00

A. 50% chem lean 13 Lds. fresh 49-50, m 49, 6 Lds. frozen 50.00-52.00. 50% chem lean 2 Lds. 50.00 Boxed.

EASTERN TEXAS AND OKLAHOMA PRODUCTION AREAS.

90% chem lean fresh 112.50-114.00 A.

85% chem lean fresh 106.00 A.

75% chem lean fresh 83.00-85.00 A, frozen 83.00-85.00 A.

SPECIALIZING IN FLUID FERTILIZER

(Granular Fertilizer Also Available)

OVER 35 YEARS EXPERIENCE
USING MODERN APPLYING EQUIPMENT FOR EVERY SIZE JOB

AVAILABLE FERTILIZERS AND SERVICES

- * Liquid Pop Up Corn Starter 9-18-9 3s
- * Granular Corn Starter In Bags
- * Suspension Fertilizer-weed and feed with flotation equipment.
- * Side dressing corn with Liquid N Solution

CALL 717-397-0035



2020 Horse Shoe Rd., Lancaster, PA
Ph. 717-397-0035

ATTENTION - DAIRYMEN & LIVESTOCK PRODUCERS!

INFORMATIVE MEETINGS ON HERD HEALTH AND PRODUCTION!

- 1) Tues., Feb. 10 - Holiday Inn - Hagerstown, Md.
- 2) Wed., Feb. 11 - Holiday Inn - Chambersburg, Pa.
- 3) Thurs., Feb. 12 - Heritage House Rest. - Shippensburg
- 4) Fri., Feb. 13 - Harvest Drive Rest. - Intercourse

**FREE LUNCH PROVIDED
RESERVATIONS REQUIRED**

Speakers

Dr. John Whittaker, DVM, President Whittaker Associates, International consultant for the livestock feed industry, contributing writer of Herd Health Column, in Acres, U.S.A.

Jerry Brunetti, President of Agri-Dynamics, Inc., manufacturers and distributors of herd health products and services associated with wholistic programs.

TOPICS

Mycotoxins, Water Purity, Blood Ammonia, Immunotherapy, Bio-Nutrition, Breeding, Mastitis, Somatic Cell Count, Calf Problems, Etc.

FOR RESERVATIONS CONTACT

Gerald Heisey - St. Thomas 369-3317	Fisher & Thompson - Leola 656-3307
Butch Harbaugh - Waynesboro 762-1093	Daniels Farm Store - Leola 656-6982
Gary Besecker - Chambersburg - 263-4781	Howard Weaver - Lebanon 273-2408
Albert Ocker - Shippensburg 532-7167	May-Co Supply - Lancaster 569-1011
J.G. Agri Service - Manheim 665-6727	

agri-dynamics

P.O. Box 318 Martins Creek, PA 18063
(215) 588-8150

FRIEND TETRAPLOID PERENNIAL RYEGRASS

フレンド テトラプロイド ペレニアルライグラス

Lolium perenne

Friend is a tetraploid perennial ryegrass developed in Japan for production of high-yielding, high-quality forage. It would be recommended in all area where perennial ryegrass is used alone or in pasture mixtures for cutting or grazing in North America, Europe and Asia.

Morphological Characteristics

Friend has wide leaves with a dark-green color. It has a semi-erect growth habit and a medium maturity date.

Establishment and Persistence

Friend has excellent seedling vigor for rapid initial establishment. It has excellent fall vigor and growth and improved winter hardiness. Its spring vigor and growth are very good, ensuring a high yield in the spring. The regrowth potential is excellent after each harvest. It has good heat tolerance and summer survival.

Forage Yield Potential and Quality

Friend consistently produced high yields at all locations tested in Japan and maintained these yields at each successive harvest. It produces superior yields under conditions of both standard and heavy fertilization. It is highly palatable to cattle with excellent nutritonal qualities, therefore ensuring good weight gain and/or milk production.

Disease Resistance

Friend has excellent resistance to crown rust, Puccinia coronata f. sp. and brown patch. Rhizononia solani. It also has good resistance to leaf spot, Heminthosporium siccans.



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Pen Argyl, Pa. 18072
215-588-7144

Glen Simonton
RD #1
Port Royal, Pa. 17086
717-527-4772

DEALERS:

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Mifflintown, Pa. 17059
717-436-2523

Hausmann's Farm
Box 173 RD #1
Schnecksville, Pa. 18078
215-767-5281

Christian Farmers
c/o Peggy Berry
RD #1
Sussex, NJ 07461
914-726-3688

David Bird
RD #2 Box 122
Catawissa, Pa. 17820
717-365-7403

F.W. Eckel and Sons
RD #2 Box 384
Clark Summit, Pa. 18411
717-586-2822

Marlowe Stutzman
RD #2 Box 78
Mertztown, Pa. 19539
215-682-7065

Palmerton Feed and Grain
480 Delaware Ave.
Palmerton, Pa. 18071
215-826-2117

Livestock market and auction news

Weekly Summary

Harrisburg, PA
Friday, Jan. 30

Report supplied by PDA
14 Livestock Markets

CATTLE: 4705. Compared with 3619 head last week and 4968 head a year ago. Steers and heifers steady to 2.00 higher; cows .50-2.50 higher; bulls mostly steady to strong; High Choice & Prime steers 62.00-66.00; Choice 58.00-63.35; Good 52.50-60.00; Standard 43.00-53.00; Choice heifers 54.00-60.00; Good 48.00-55.00; few Standard 42.00-50.00; Breaking Utility & Commercial cows 38.50-45.25; Cutter & Boning 37.00-43.00; Canner & Cutter 34.00-39.75; shells 25.00; Choice bullocks 50.75-57.75; Good 46.00-52.00; YG No. 1, 1200-2300 lb. 45.00-53.75; few No. 2, 900-1400 lb. 39.00-47.00.

FEEDER CATTLE: Med. & Large No. 1, 400-750 lb., Steers 52.00-66.00; Med. & Large No. 1, heifers 300-800 lb. 46.00-58.00; Few Large No. 2, 300-750 lb. 38.00-46.50; bulls Med. & Large No. 1, 360-700 lb. 50.00-64.00.

CALVES: 3514. Compared with 1915 head last week and 3327 head a year ago. Mostly steady; few High Choice & Prime 100.00-110.00; Choice 85.00-100.00; Good 64.00-86.00; few 110-130 lb. 58.00-65.00; 90-110 lb. 45.00-60.00; 70-90 lb. 38.00-50.00; hol. bulls 90-135 lb. 75.00-130.00; few heifers 90-125 lb. 54.00-86.00.

HOGS: 3769. Compared with 3587 head last week and 5284 head a year ago. Unevenly steady; No. 1-2, 210-250 lb. 48.00-50.50; No. 1-3, 200-255 lb. 47.50-50.50; No. 2-3, 210-270 lb. 44.00-48.50; sows uneven; mostly steady to strong; 300-500 lb. sows 38.00-42.75; 500-685 lb. 40.00-46.50; few No. 2-3, 400-650 lb. 35.00-

39.00; boars 36.00-42.00.

FEEDER PIGS: 776. Compared with 686 head last week and 575 head a year ago. Steady to weak, 20-35 lb. 23.00-39.00; 35-50 lb. 30.00-42.00; few 50-70 lb. 45.00-50.0.

1 GRADED FEEDER PIG SALE: 615. Compared with 1695 head last week and 969 head a year ago. Uneven; mostly strong to 19.00 higher; No. 1-2, 40-49 lb. 117.00-129.00; 50-59 lb. 117.00-129.00; 65-78 lb. 89.00-99.00; No. 2-3, 40-52 lb. 88.00-97.00; 79 lb. 73.00; slaughter 20-40 lb. 152.00-172.00; all per hundredweight.

SHEEP: 373. Compared with 361 head last week and 571 head a year ago. Mostly steady; Choice & Prime 65-125 lb. 70.00-90.00 woolled lambs; sl. ewes 20.99-43.00.

Chambersburg Livestock

Chambersburg, Pa.
Thursday, January 29
Report supplied by PDA

CATTLE: 394. Individual Good steer 55.75; Good holsteins 49.00-54.00; few Standard 42.75-46.75; few Good holstein heifers 49.10-52.75; Breaking Utility & Commercial sl. cows 40.75-45.50, few go 47.00, 1 at 48.00; Cutter & Boning Utility 39.50-43.00; Canner & Low Cutter 36.50-39.75; shells down to 33.00; one Good sl. bullock 53.50; YG No. 1, 1100-1750 lb. sl. bulls 45.00-54.25.

FEEDER CATTLE: Steers Large Frame No. 2, 300-600 lb. holsteins 49.00-55.50; 550-950 lb. 45.00-52.00.

CALVES: 393. One Prime vealer 109.00; few Choice 88.00-101.00; few Good 70.00-85.00; few Standard & Good 110-125 lb. 62.00-65.00; 75-100 lb. 54.00-61.00; Utility 60-80 lb. 40.00-50.00.

FARM CALVES: Hol. bulls 90-130 lb. 85.00-123.00, few down to 55.00; hol. heifers 90-125 lb. 60.00-80.00.

HOGS: 29. Lot US No. 2-3, 215 lb. barrows & gilts 48.00-60.00; one boar 35.25.

FEEDER PIGS: 3. Not enough for market test.

SHEEP: 0. No sales offered.

GOATS: 2. Not enough for market test.

St. Louis Cattle & Hogs

Thursday, January 29, 1987
Report Supplied by USDA

HOGS: 3,500
TRADING MODERATELY ACTIVE
BARROWS AND GILTS 50-75 LOWER, INSTANCES 1.00 LOWER ON WEIGHTS OVER 280 LBS.
US 1-2 300-280 LBS. 48.75-49.25, BULK 49.00; US 2-3 250-270 LBS. 48.00-48.75; 270-290 LBS. 46.00-47.00.
SOWS: 300-500 LBS. STEADY TO .50 HIGHER; OVER 500 LBS. 1.00-2.00 LOWER. ABOUT 5% US 1-2 300-500 LBS. 42.50-43.00; US 1-3 OVER 500 LBS. 43.00-46.00, FEW LATE

42.50.
BOARS: OVER 300 LBS. 42.00, UNDER 300 LBS. 39.00, FEW 40.00.
CATTLE AND CALVES: 700
CONSISTS OF COWS. COWS 1.00 HIGHER.
COWS: BREAKING UTILITY AND COMMERCIAL 2-4 40.00-43.00. CUTTER AND BONING UTILITY 1-2 43.00-46.00. HIGH-YIELDING CUTTER AND BONING UTILITY 1-2 45.00-46.00. CANNER AND LOW CUTTER 1-2 39.00-42.00. SHELLY CANNER 1-2 35.00-38.00.
COMPARED TO LAST WEEK'S CLOSE, SLAUGHTER STEERS AND HEIFERS FIRM TO .50 HIGHER. COWS UNEVENLY 1.00-3.00 HIGHER. BULLS FULLY STEADY.
SLAUGHTER SUPPLY MAINLY CHOICE STEERS AND HEIFERS, AROUND 5% COWS.

Pa. Ag Agents Association Elects 1987 Officers



The Pennsylvania Association of County Agricultural Agents named its officers for 1987 during a recent meeting at Penn State's University Park campus. Seated, from left, are Laura Watts, membership secretary, Cumberland County; David Rynd, secretary, Shenango Valley Campus; Glen Shirk, president, Lancaster County; William Wallace, treasurer, Forest County.

Standing, from left, are: Michale Fournier, director, Montgomery County; Eric Osterling, director, Westmoreland County; Richard Smith, director, Sullivan County; Marshall Spayd, director, Huntingdon County; William Messersmith, past president, Lycoming County; Laurence Yager, director, Adams County; Alfred Skala, director, Luzerne County; and R. Blaine Schlosser, director, Crawford County.

NuPulse is more than just a milking machine...

NuPulse has a complete line of chemicals.

Some of the Features of the NuPulse line of chemicals are:

- 1 Best price available for the best product
- 2 Returnable drum program—pay a deposit on the 15 gal drum and get it back when you return the drum
- 3 Complete line of cleaners, sanitizers and uddercare products

Let us prove it to you! Call today and find out about our Special for this month. You be the judge.

For more information, contact your local dealer or NuPulse, Inc.



Why pay more—it's Time for a Change...
a Change for the Better.

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717/626-1065

ROPE IN SOME EXTRA CASH!

Advertise With A
Lancaster Farming
CLASSIFIED AD..

Phone: 717-394-3047
or 717-626-1164



FRIDAY, FEBRUARY 13 ON THE FARM MONTHLY BRED GILT SALE

1:00 P.M.

Sale To Start Promptly Every 4 Weeks

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left. Watch for sale arrows.

50 to 60 Head WHITE DIAMOND GILTS

Here Now a new cross again.
Large White & Landrace, first generation true F-1 gilts.
Parent stock originated from Lieske Bros. Minnesota. Very productive in litter size and feed conversion.

Vaccinated for Lepto, Erysipelas, Rhinitis, E'Coli, Pasteurella

Hand mated with Breeding Dates

Local Truck Available
No Hogs Sold On Commission

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Abe Dittenbach, Auctioneer AU225L

NEXT SALE DATE MARCH 13, 1:00 P.M.

DAIRYLAND SALES & SERVICE
RD 3, Box 43
Troy, PA 16947
(3 miles W. of Troy on Rt. 6)
4717/297-4128

FISHER & THOMPSON
127 Newport Road
Leola, PA 17540
717/656-3307

AQUILLA YODER
Box 83
Belleville, PA 17004
717/935-2481

PENN YORK REFRIGERATION
RD 1, Box 390
Knoxville, PA 16928
814/326-4496

LUCAS BARN EQUIPMENT
RD 2, Box 339D
Bellefonte, PA 16823
814/383-2806

SCHMIDT'S EQUIPMENT
RD 2, Box 122
Hawley, PA 18428
717/253-3048

ASHBY FARM SERVICE
RD 8 Box 1A
Harrisburg, VA 22801
703/434-9943

STINER'S REFRIGERATION
25 Crooks Terrace
Canton, PA 17724
717/673-8351

ZIMMERMAN'S SALES & SERVICE
2440 St. - Rt. 7
Columbiana, OH 44408
216/482-5190

FANCY FURROW FARMS AG EQUIP. INC.
RD 1, Uhler Rd.
Easton, PA 18042
For 24 Hour Service Call
215/252-8828

CRIDER DAIRY EQUIPMENT
8933 Rowe Run Road
Shippensburg, PA 17257
717/532-2196

HENRY JAQUITH
RD 1, Box 325
Spring Creek, PA 16436
814/664-2397

MAMMA Board Meeting

(Continued from Page A1)

\$932,988 to fund the work of local Dairy Council units. This funding pays for the salaries, administrative costs and program development costs of the units. It also pays for local implementation of the nutrition education programs developed by National Dairy Council and the local unit itself.

The 10 percent allocated to UDIA goes to support the advertising and promotion programs of the American Dairy Association, the nutrition research and nutrition education programs of National Dairy Council, and product and process research of Dairy Research, Inc. This funding goes towards production of television and radio commercials, print advertising, Real Seal advertising, foodservice programs, development of nutrition education programs by NCC and nutrition research.

Administrative costs are required to stay under five percent. They are currently at four percent. This funding goes to pay for the salaries, meeting expenses, capital expenses, rent and utilities.

The one percent spent on communications goes to fund a public and industry relations program. It also pays for the food publicity program that places articles, recipes and photographs of dairy foods in newspapers and magazines.

When all these programs are pulled together, the dairy industry has perhaps the most broad-based and in-depth advertising and promotion programs of any agricultural commodity.

MAMMA'S 1987 ADVERTISING PLANS

During the first quarter, the "Milk Has Less Than 4% Fat" campaign will conclude with four weeks of television advertising.

Then pending board approval, a new fitness campaign will be launched in second quarter. Based on consumer attitude surveys that indicate consumers are more inclined to drink milk for health and fitness reasons than for any other reason, the campaign takes a fitness positioning. MAMMA's Milk Team, comprised of credible and popular sports celebrities, Mike Schmidt, Cal Ripken, Pam Shriver and John Thompson, will give credence to the campaign slogan, "Milk Is Fitness You Can Drink." Four new television and radio commercials are currently in production that feature our Milk Team players endorsing our products. More details on the creative execution of the new campaign will be reported after the board has reviewed and approved the commercials for release. MAMMA is planning to buy television and radio air time for the commercials through the fall of the year.

Complementing this milk advertising will be television and print advertising for butter and cheese. As a regional member unit of the American Dairy Association, MAMMA has contributed over \$90,000 for butter advertising and over \$96,000 for cheese advertising. This money goes into a pool along with money from other ADA units for commercial production, talent costs, and national network media time. The cheese and butter campaigns began in September of 1986 and will run through August of this year. After August additional funding will probably be allocated for continuation of some form of advertising for these important dairy products.

"Fifteen Minutes to Fitness" by Pam Shriver is an exercise and recipe booklet currently in production by MAMMA. In the

booklet Pam Shriver outlines a 13 minute exercise program, followed by a two milk cool down with a glass of milk. The booklet also contains some of Pam's favorite contract installers to put up displays for the booklet in stores at the same time that they are installing the spring cheese promotion kits at the dairy case. Six in-store point-of-sale promotions have been planned for the year to influence the consumer when they shop. The point-of-sale promotion tie-in with television, radio and print advertising to make a very strong campaign.

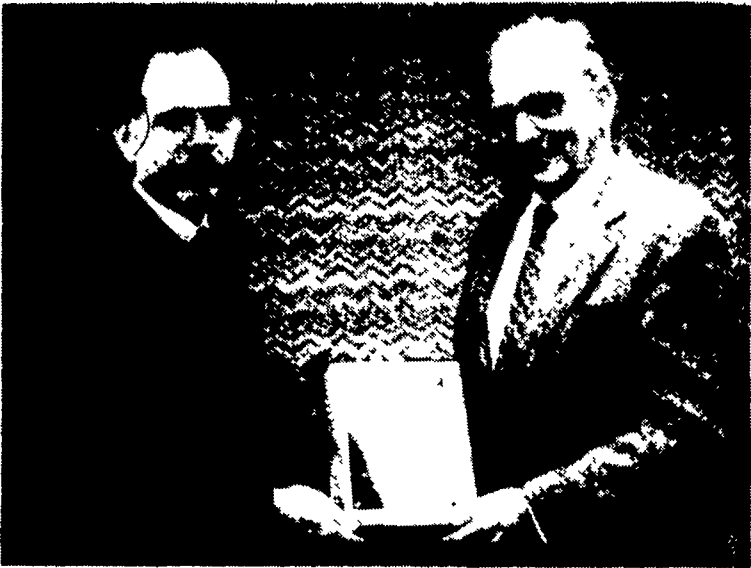
MAMMA's merchandising staff will continue to work with retailers to improve the sales potential of the dairy case by conducting Dairy Department Workshops.

With a new full-time staff person working in foodservice, the MAMMA organization is more committed than ever to increasing the sale of dairy products in restaurants, institutions and other away from home settings. Foodservice program elements include monthly publication of "Real Dairy Discoveries" in Restaurants & Institutions Magazine, Real Cheese Pizza Maker program, seasonal promotions, distributor contests, and foodservice operator recipe contests.

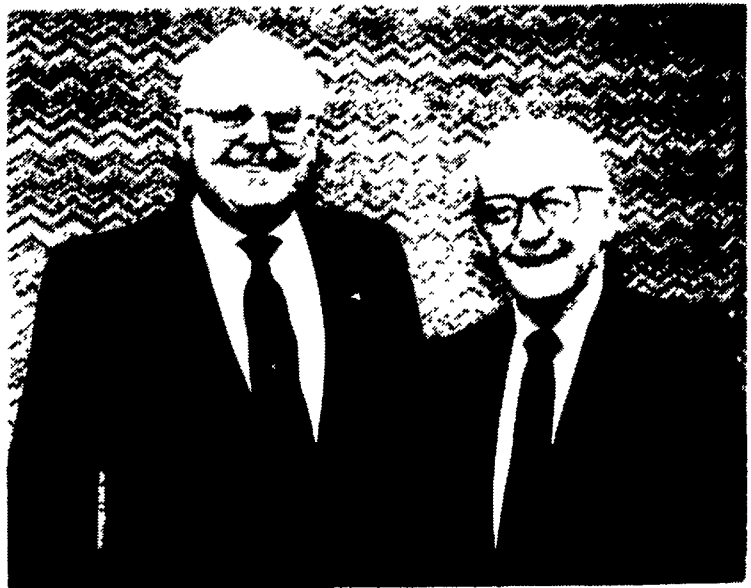
Food publicity release to food editors will continue to promote the use of dairy foods, while tying in with the themes of current advertising campaign. A food editors tour is being planned along with a dairy foods information file.

The communications program will continue to work to build favorable attitudes among consumers toward dairy foods and the dairy industry. The communications program will also work to report back to the industry to programs that are being conducted in its behalf.

When all the program elements are considered as a whole, it looks like another very promising year for dairy sales.



William Miller (left), Mid-Atlantic Food Dealers Association, presents a plaque to David Weitzer, chairman of the MAMMA board, in appreciation for the Dairy Association's efforts in promoting milk in the retail stores.



Edward Peterson, CEO of the United Dairies Industry Association, and Joseph Westwater, CEO of the National Dairy Board, participated in the MAMMA board meeting Wednesday morning.

1987 Pa. Holstein Convention Ticket Form

February 24-26, 1987

Wilkes-Barre, PA

Tuesday, February 24 -

Early Bird Reception - 9:30 p.m.

Number attending _____

Wednesday, February 25 -

Breakfast on your own -

Ladies Program - 11:00 a.m. - 1:30 p.m.

_____ Tickets @ \$12.00 = _____

Bus Tour to Sire Power and Taurus

Service - 1:45 P.M.

_____ Number For Bus = _____

Sale Buffet - 4:30 p.m. - 6:00 p.m.

_____ Tickets @ \$10.00 = _____

Junior Pizza and Pool Party - 9:15 p.m.

_____ Tickets @ \$ 3.00 = _____

Thursday, February 26 -

Awards Breakfast - 7:30 a.m. - 9:00 a.m.

Continental Breakfast

_____ Tickets @ \$ 3.00 = _____

Full Breakfast

_____ Tickets @ \$ 5.00 = _____

Awards Program - 9:00 a.m. - 11:00 a.m.

Convention Banquet and Reception -

_____ Tickets @ \$20.00 = _____

Reception - 6:00 p.m. - Banquet - 7:00 p.m.

Junior Convention Banquet - 6:30 p.m.

_____ Tickets @ \$12.00 = _____

TOTAL: _____

* NAME: _____

_____ (Please list all names as they should appear on name tags)

** JUNIORS: _____

_____ (Please list names of any juniors attending)

Address: _____

Phone: _____ County: _____

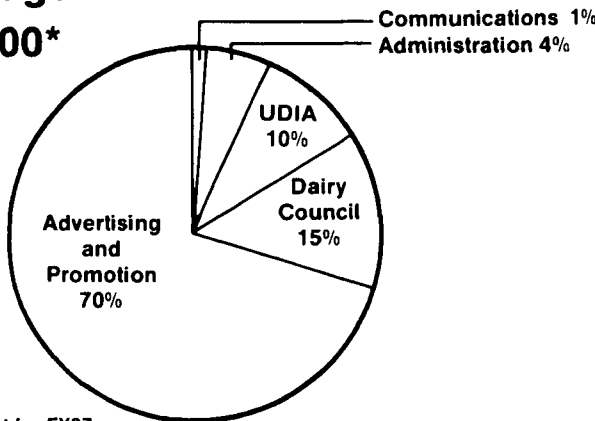
Send your order with check payable to: "1987 Pa. Holstein Convention"
to: Robert Whipple, Treasurer R.D. #5, Box 249 Towanda, PA 18848

Ticket orders must be received by February 3, 1987. For lodging reservations contact: Sheraton-Crossgates, 20 Public Square, Wilkes-Barre, PA 18701, (717) 824-7100. Be sure to mention the Holstein Convention when making your reservations. Deadline to assure your room is February 3, 1987. Room rates: single - \$45.00, Double - \$55.00, Triple (3 persons over the age of 18 yrs.) - \$65.00, Quadruple (4 persons over the age of 18 yrs.) - \$75.00. Children under the age of 17 stay free with an adult in the same room. Credit card or deposit of one night's lodging is necessary to hold a room for arrival after 6:00 p.m.

Middle Atlantic Milk Marketing Area

1987 Budget

\$5,268,000*



*Projected budget for FY87
The actual budget will be based on volume of production



Western Penn Tillage Conferences Slated

Dr. William Edwards, USDA soil scientist out of the Coshocton, Ohio research station, will be the keynote speaker for the Western Penn Tillage Conferences. Dr. Edwards' research focuses on the influence tillage practices have on the physical properties of soil. Soil structure has been shown to greatly affect soil productivity. Dr. Edwards will speak on the long range effects of tillage practices and also on soil dynamics.

In addition to Edwards, William K. Waters, area farm management agent, will speak on the economics of tillage systems. Penn State research farm manager, Lynn Hoffman, will moderate a farmer panel. Discussion will focus on "A Farmer's view of Tillage". The panel members are; Ross Orner (Dairyman from Rockton, PA), Rich Burd (Dairyman from Uniontown, PA) and Robert Lohr (Dairyman from Boswell, PA).

Agenda for the meeting follows:

- | | |
|----------------|---|
| 9-10:00 AM | *Commercial Exhibits, Registration
Coffee and Sweet Rolls |
| 10:00-10:30 AM | *New Pennsylvania Pesticide Law
PA Dept. of Agriculture |
| 10:30-11:15 AM | *Economics of Tillage Systems
William K. Waters |
| 11:15-12:00 AM | *Long Range Effects of Tillage Systems
Dr. William Edwards |
| 12:00-1:30 PM | *Lunch & Commercial Exhibits |
| 1:30-2:15 PM | *Farmer Panel
Ross Orner, Rich Burd, & Robert Lohr |
| 2:15-2:45 PM | *Water Infiltration and Soil Dynamics
Dr. William Edwards |
| 2:45-3:00 PM | *Wrap-up
Lynn Hoffman |

This meeting will qualify for pesticide update credits with the same agenda offered at two locations. The Mountain View Inn in Greensburg, PA will be the site on February 18 or plan on going to the Days Inn in Meadville, PA on

February 19. A registration fee of \$4.00 will be collected to help cover the cost of lunch. Questions on the conference can be answered by your local county agent. Registrations should be sent by February 12 to:

Greensburg Meeting
Gary L. Sheppard
971 Old Salem Road
P.O. Box 250
Greensburg, PA 15601

Meadville Meeting
Joseph S. Beard
Courthouse, Room 8
Meadville, PA 16335

USDA Strengthens Drug Residue Testing In Calves

WASHINGTON — The U.S. Department of Agriculture is revising its residue testing procedures for young veal calves to focus greater attention on animals and slaughter plants where problems are most likely to occur, according to a USDA official.

"The revised system will increase testing in plants with high violation rates and decrease testing at plants consistently handling young calves free of sulfa and antibiotic residues," said Donald L. Houston, administrator of USDA's Food Safety and Inspection Service.

The residue testing procedures are part of a program begun in 1984 under which owners of calves may certify — in writing — that their calves were not treated with drugs or, if they were treated, that the prescribed withdrawal period has passed before the calves were slaughtered. Uncertified calves are tested more carefully than certified calves. The program was established to combat a drug residue problem that occurred in bob calves — calves up to three weeks or 150 pounds — and not in "fancy" veal, which is the source of veal chops and roasts.

"Nationwide, violation rates dropped to two percent in calves tested in fiscal 1986, down from approximately five percent when the testing and certification program began in 1984," Houston

said.

"The revised program will help combat the persistently high violation rates in certain plants," said Houston. "While some plants have no more than 0.5 percent (one-half of one percent) violative carcasses, others have violation rates as high as 9 percent."

"The USDA veterinarian-in-charge at each plant will be able to select one of six levels of testing ranging from checking 1 to 100 percent of calves slaughtered at the plant," said Houston. "To provide each plant an equal opportunity to establish its compliance history, however, all plants initially will be checked at the same level (called level D), in which 5 percent of healthy certified and 10 percent of uncertified calves are tested."

"We recognize that intense testing slows down production lines, and, therefore, are adding a provision permitting the plant to designate employees to help the USDA inspector in performing the Calf Antibiotic and Swab Test under the supervision of a USDA veterinarian," said Houston. "The USDA veterinarian must interpret the results and ensure the integrity of the testing program."

Finally, USDA is altering its program so that inspectors are no longer required to test carcasses for drug residues after the carcass has been condemned for disease or other reasons.

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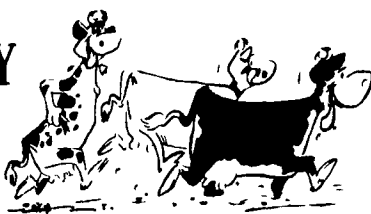
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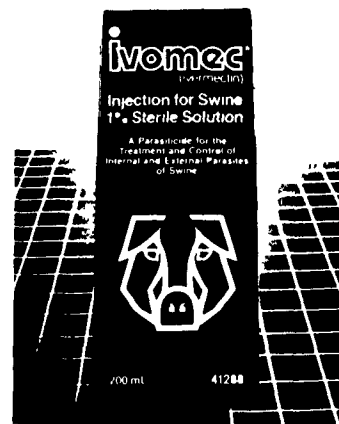
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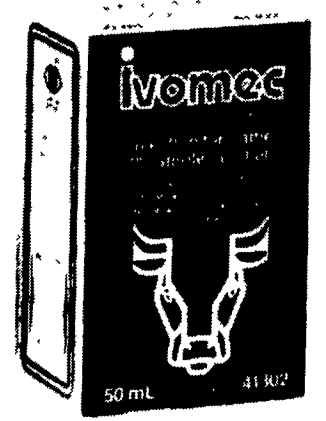
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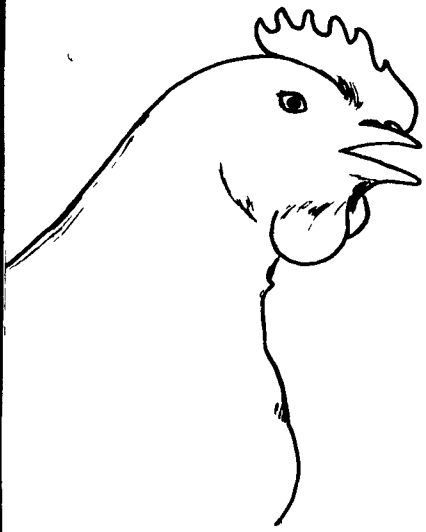
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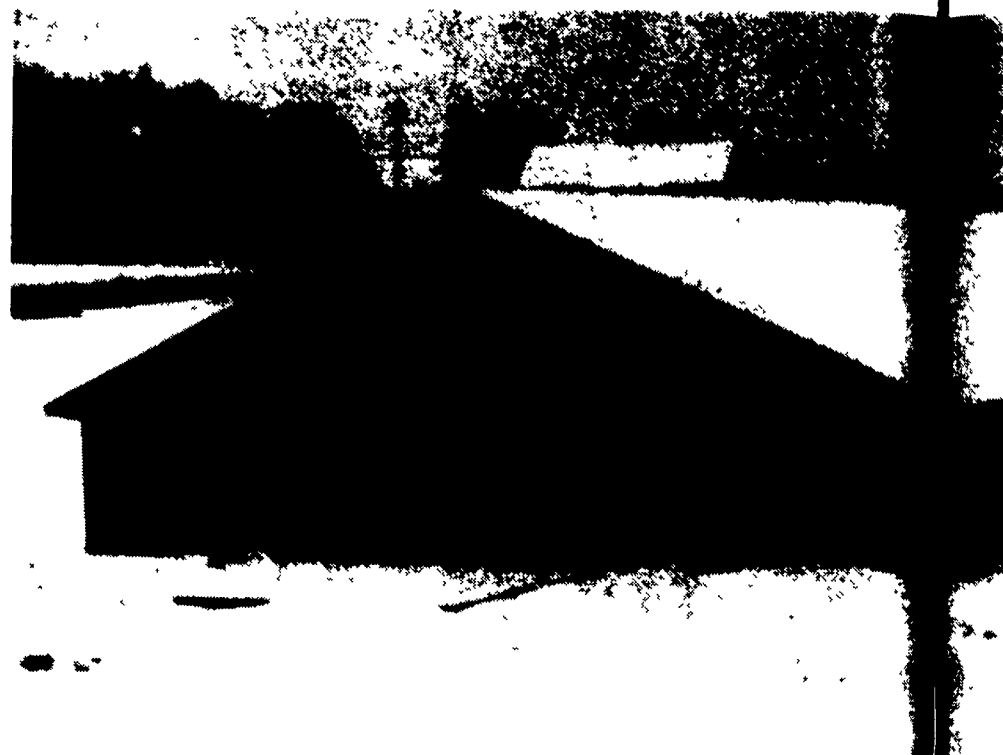
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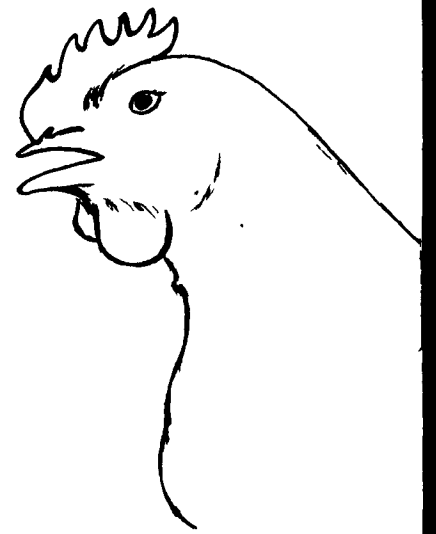
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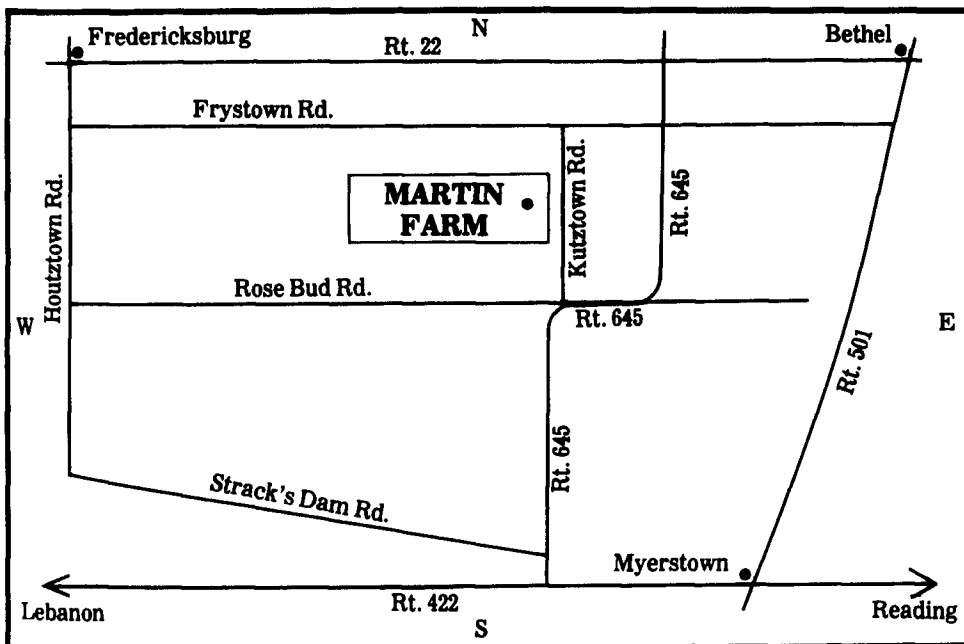
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Pa. Vegetable Conference

(Continued from Page A1)

The vast majority of the research dollars go to Penn State University. In the past four years, the University has received approximately \$100,000 in checkoff monies to fund vegetable research. An additional \$10,000 to \$12,000 of checkoff funds went toward research at several out-of-state universities.

"A lot of things we do every day are results (of research)," Mason told growers attending the conference. "We really need everybody. We need your neighbors."

Association leaders believe the current checkoff is unpopular with growers. But when asked to offer an opinion about the program's merit or to ask questions, conference goers remained silent. They did, however, receive a questionnaire assessing their support for the program and requesting suggestions for improvement.

Later this year, growers will vote on whether or not to continue the checkoff program and will decide if they want to earmark some funds for promotion programs.

Among those campaigning for the checkoff program was Charles Krueger, associate director of the Pennsylvania Agricultural Experiment Station at Penn State University. The checkoff program is a key ingredient for funding vegetable research at the University and has allowed researchers there to initiate or continue 23 programs, he said.

Even so, the checkoff funds are just a drop in the bucket of research finances, representing just 6 percent of the total. The University receives the majority of its research funds from federal and state government grants.

But although they fund only a small percentage of the research, growers, through the advisory board, are able to determine the direction of research projects. To Krueger, this power, in addition to the research results, is the checkoff program's real benefit for large and small vegetable growers alike.

The conference also included numerous educational sessions for vegetable growers. Sharad Phatak, a horticulture professor at the University of Georgia, was among the experts presenting vegetable research results.

Phatak's research focused on the effect of different methods of preplant tillage on crop yield. The research showed that moldboard plow tillage provided the highest volume of non-compacted seedbed, while disc harrowing offered the least volume.

Soil compaction caused by preparing seedbeds with a disc created a lot of problems in plant

growth and development, Phatak said. To achieve the highest crop yields, he recommends that growers prepare seedbeds with the moldboard and avoid using a disc.

With optimum economic yields the objective of crop farmers, an effective fertilizer program is also important, Phatak said. The first step to an efficient program is a soil test, followed by using the right kinds of fertilizer in the right amount and at the right time. In short, a successful fertilizer program requires a lot of effort, he said.

Plant analysis to monitor nutrient levels in vegetable crops is another tool available to growers who want an efficient fertilizer program. Phatak's research used plant analysis to monitor nutrient levels in vegetable crops grown under center pivots and to study nutrient uptake following fertilizer applications through irrigation systems.

Researchers applied nitrogen, phosphorus and potassium through irrigation systems, with nitrogen and phosphorus applied in the first two weeks of planting and nitrogen and potassium administered during weeks three to six.

Plant analysis showed inadequate amounts of magnesium, sulfur and boron present in the vegetables, even though the nutrients were abundant in the soil. The results, Phatak said, indicated that the added nitrogen and potassium stimulated plant growth so much that the roots were unable to absorb enough of the other nutrients to keep up with the rapid growth rate.

Therefore, subsequent fertilizer programs included applications of magnesium, sulfur and boron, along with calcium for selected crops such as watermelons and tomatoes.

Phatak said success of the soil test and plant analysis monitoring was evident in the high yields of most vegetable crops grown under center pivots and other irrigated research plots.



Receiving awards at the Tomato Awards Luncheon held in Hershey this week were, from left, Dio Shetler, James Weaver, John Everitt (accepting award for John Lapp), Ronald Snyder and Larry Dotterer.

Five Pa. Tomato Growers Earn Production Awards

HERSHEY — Five Pennsylvania tomato growers were recognized for their high tomato production and record keeping practices during the annual tomato awards luncheon, held at the Hershey Convention Center this week in conjunction with the 1987 Pennsylvania Vegetable Conference.

Weaver Farms of Middleburg won the award for the highest tomato yield in machine harvest competition for growers with 50 to 74 acres. Weaver Farms harvested 1,302 tons of usable fruit for Furman Foods from 63.5 acres for a 20.5 ton per acre average yield.

Weaver Farms follows a five-year rotation, with tomatoes following an alfalfa-grass mixture and planted in the same field for two years. They applied lime at the rate of 1.5 ton per acre prior to planting and followed the lime with an application of liquid cow manure at a rate of 20 tons per

acre. The tomatoes were cultivated and sidedressed once with 300 pounds of either 8-24-8 or 10-20-10 according to soil test recommendations.

Larry Dotterer of Mill Hall topped the machine harvest competition for growers with 20 to 49 acres. Dotterer harvested 1,135 tons of usable fruit for Furman Foods from 43 acres for a 26.4 ton per acre average yield.

He planted transplants from May 5 to May 28 at a population of 8,400 plants per acre. Plants were spaced at 12 inches in the row and 5 feet between rows.

Dotterer anticipates a four-year rotation and the tomatoes followed a corn crop in 1986. Following recommendations from Penn State soil tests, he applied no lime and 15,000 gallons per acre of liquid cattle manure and no fertilizer on one field. The other field received 100 pounds of nitrogen and 150

pounds per acre potassium broadcast and plowed down.

Dio Shetler, Turbotville, won the award for the highest tomato yield in hand harvest competition for growers with 25 to 49 acres. He harvested 720 tons of usable fruit for Furman Foods from 25.4 acres for a 28.3 ton per acre average yield.

He planted transplants from May 12 to June 3 at a population of 10,547 plants per acre. Plants were spaced at 9 inches in the row and 5.5 feet between rows.

Shetler followed a three-year rotation. Tomatoes follow a hay crop and are followed by wheat, then hay. His fields are located at a high elevation, have good drainage with no frost or fog pockets and are mainly shaley soils.

He applied lime at the rate of 1 ton per acre prior to planting and followed it with a broadcast application of 10-20-10 at a rate of 1,000 pounds per acre. The tomatoes were sidedressed twice for a total application of 350 pounds per acre of 11-22-22.

Ronald and Charles Snyder of Kempton topped the hand harvest competition for growers with 15 to 24 acres. The Snyders harvested 737 tons of tomatoes on 23 acres for a 32 ton per acre average yield.

They planted transplants from May 5 through June 5 at a population of 11,000 plants per acre. Yield of the later planting dates was lower due to persistent wet weather. Plants were spaced at 16 to 28 inches in the row and 34 inches between rows without beds.

The Snyders plant tomatoes in a three-year rotation following plowdown of a timothy-clover sod. Lime and fertilizer are applied according to soil tests. Their fields required no lime and 125 pounds of N-P-K prior to planting. Some manure was also applied.

John K. Lapp of Allenwood won the award for the highest tomato yield in hand harvest competition for growers with five to 14 acres. Lapp harvested 186 tons of tomatoes on 5 acres for a 37.2 ton per acre average yield.

Lapp planted transplants on May 16, 19 and 26 at a population of 7,800 plants per acre. Plant spacing was 19 inches in the row and 42 inches between rows.

Tomatoes are planted in a three-year rotation following field corn. In 1986, Lapp did not apply any lime, but prior to planting 10 tons per acre of cattle manure and 800 pounds per acre of 8-24-8 was broadcast and incorporated. In addition, Lapp made two foliar applications at 5 pounds per acre.

The State Champion Tomato Growers' Club is sponsored by Penn State University Cooperative Extension Service and Furman Foods, Northumberland.

Stored Corn Reaches 129.5 Million Bushels

HARRISBURG — Pennsylvania corn stored in all positions on Dec. 1, 1986 was 129.5 million bushels according to the Pennsylvania Agricultural Statistics Service. On-farm corn stocks amounted to 120 million bushels, while off-farm stocks were 9.5 million bushels. Wheat stored off-farms totaled 4.5 million bushels and soybeans stored off-farms totaled 400,000 bushels.

Pennsylvania's on-farm stocks of wheat and soybeans are no

longer published separately, but instead are included with an unallocated national total. The reference dates for grain stocks have been changed from Jan. 1, April 1, June 1 and Sept. 1 to Dec. 1, March 1, June 1 and Sept. 1.

On Dec. 1, 1986 there were 329 off-farm storage facilities (mills, elevators, warehouses, terminals and processors) with a total grain storage capacity of 34.4 million bushels.

The Agricultural Statistics Service publishes on-farm grain storage capacity data annually for selected states and the United States. The published data are indications computed directly from the survey and as such, are subject to sampling error fluctuations. On-farm grain storage capacity for Pennsylvania totaled 217.6 million bushels. Chances are two out of three that this capacity may fluctuate by as much as 5.5 percent.

Winter's Icy Touch Transforms A Stream



Intricate ice crystals, resembling a field of daisies in a summer meadow, add a touch of winter beauty to Beaver Run near Lairdsville, Lycoming County.

Photo By Barbara Miller

Potato Stocks

Drop 16 Percent

HARRISBURG — Total stocks of potatoes stored in Pennsylvania on January 1, 1987 were 2,800,000 hundredweight, 16 percent less than a year ago according to the Pennsylvania Agricultural Statistics Service. Of this amount, 915,000 cwt. was stored in processors' facilities, representing 33 percent of the total stocks.

Stocks are defined as the quantity remaining in storage for all purposes and uses, including shrinkage and waste and other losses that occur after the date of each report. Sales of fall potatoes for all purposes generally account for about 90 percent of the total fall production. Shrinkage, loss and home use account for the remaining ten percent.

Franklin County Extension Meeting

Farmers Need Aggressive Product Marketing To Survive

BY
BONNIE HELLM BRECHBILL
 Franklin Co. Correspondent
KAUFFMAN STATION —
 "Thirty-two peaks in Colorado are higher than Pike's Peak. Name one," Walt Buescher, nationally-known humorist and agri-speaker, challenged his audience. "Zebulon Pike told people about his peak. You gotta tell people! If you don't sell your product, who will? Uncle

Sam? Do you really want the guy who runs the Post Office to do your advertising?"

Buescher not only encouraged farmers to aggressively sell their commodities, but also to keep their production up. The world market may be highly competitive, but there are thousands of people being born every day, "and they all get into the habit of eating quite early in life."

The occasion for Buescher's remarks was the 69th Annual Meeting of the Franklin County Extension Association, held Jan. 26, at Kauffman's Community Center.

J. Fred Rock, Franklin County Commissioner spoke on Franklin County's \$19 million budget, \$100,000 of which is earmarked for Extension use. "Agriculture is important in Franklin County," Rock said.

Retiring from the Extension's Board of Directors after serving six years were Walter Grove, Jack Diehl, Robert Meyers Jr. and Fannie Harbaugh.

John Shearer, county extension director, thanked the 350 people in attendance for their presence despite the postponement from Friday evening, and added that their interest is important to the type of Extension service he and the other staff can develop. "It's been a good year in Extension," he stated. Over 30 percent of the Extension staff's time was devoted to agriculture and natural resources, Shearer reported. Volunteers gave over 8,000 hours to Extension programs last year.

Newly elected to the Extension's board of directors were Jeffrey Grove, to represent Southampton

Township; Raymond M. Bricker, Saint Thomas Township; and Gerald J. Reichard, Washington Township. Incumbents Jeffrey Funk, Washington Township and Joe Middour, Quincy Township, were re-elected to another term.

A message for the farm community was woven into Buescher's jokes and visual presentation.

The United States tries and fails to get American farmers to raise less food, and the Soviet Union tries and fails to get Russian farmers to raise more food, he observed, calling the PIK program a "recycling program."

"Four presidents in a row have said no to selling food to Russia. We scared 'em real good, didn't we? They got out of Afghanistan and Eastern Europe real fast, didn't they?" he said. "The American farmers are the ones who got punished, not Russia." He said that he now sees the same thing happening with South Africa.

"Americans aren't eating as much bread, potatoes, sugar, beef, pork and eggs as they used to — and when you multiply that by 228 million people, that makes quite a difference to the farmer."

Although Americans spend only 14 percent of their disposable income on food — less than any other

nation — Buescher cited price as one reason for the drop in consumption. He explained his statement by saying that the housewife buys furniture only twice in her life — when she gets married and when the kids leave home — and she doesn't remember how much it cost the first time. But she goes to the grocery store every week, and she notices when things go up a few cents.

Although price is a factor in decreased consumption, Buescher says the biggest culprit for farmer's loss of domestic market is the advice of "nutrition experts."

"A lot of businesses guess wrong on inventory," he said. "And when they do, they have a sale. But the political wave, for the last 50 years, has told farmers to cut back. Twenty-five percent of the jobs in America are related to agriculture. If farmers cut back, 5 million jobs could be cut also. Every business would be affected if agriculture, the nation's largest business, cut back," he declared.

While he praised dairy farmers for their advertising campaigns and encouraged them to continue pushing their product, he also chided them.

"You dairymen have the best drink at the best price and soda is outselling you. Why, when you read the ingredients on a can of soda, you don't know whether to put it in your stomach or your radiator. And they charge more for this stuff than for milk."

"Orange farmers tackled this job many years ago. When I was a boy, I got an orange once a year — in church on Christmas Eve. Then the California orange growers got together and formed Sunkist. Now you can buy oranges 364 days a year — the only day you can't get them now is Christmas — because the stores are closed."

After reviewing the many everyday items, such as nylon stockings and aerosol cans, that have been invented since the Depression, he said, "We came out of the depths then, and we can do it again."



Directors elected to the Franklin County Extension board of directors include, from left, Raymond Bricker, Gerald Reichard, Jeff Grove and Joe Middour.

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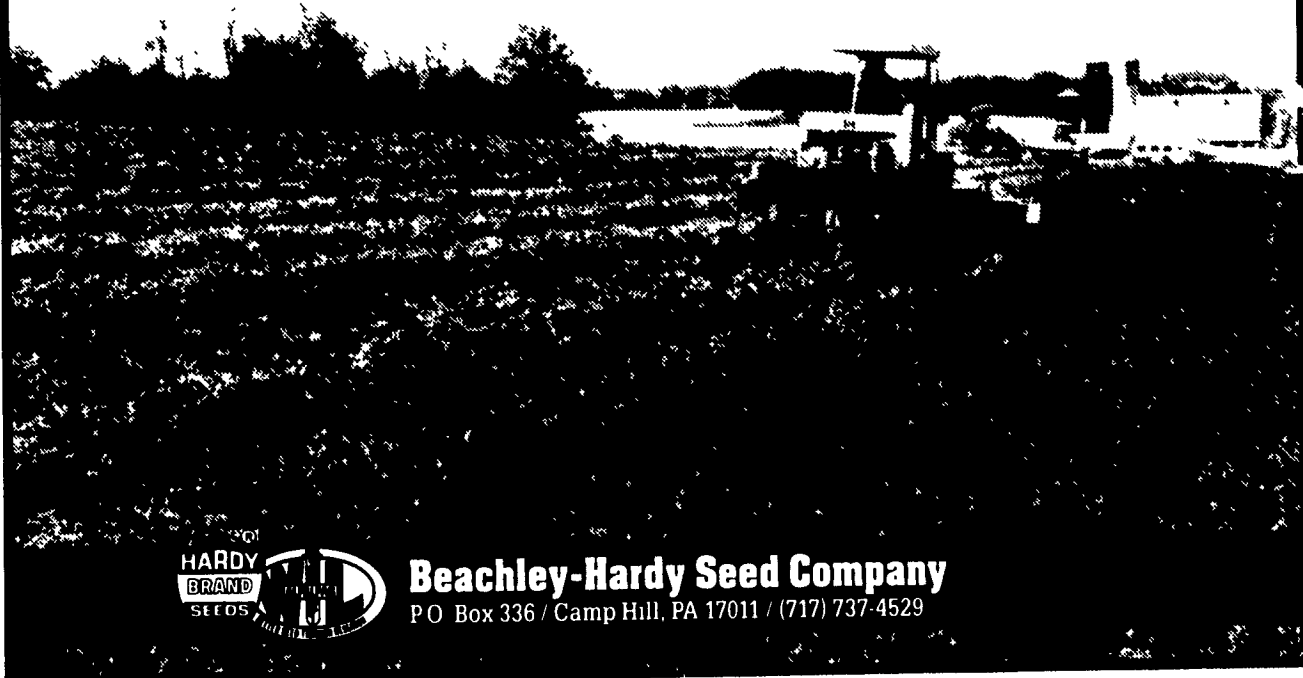
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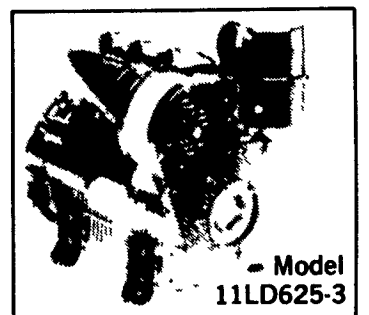
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White Lite Gears Up For Spring Introduction

HARRISBURG — The White Lite milk campaign continues to dominate the Pennsylvania Dairy Promotion Program's efforts.

At Tuesday's meeting, held in the Department of Agriculture building, the board members finalized introductory plans for the promotion and marketing of the 2 percent milk in Western and Pennsylvania.

White Lite was introduced to the public at the Farm Show on Jan. 12. "The kind of reception we have had was better than we hoped for. It is really an item that has caught the public's eye," Jim Hartels commented. PDPP's chairman added, the product has "a lot of potential. It can do milk sales a lot of good. It can do our program a lot of good."

The board members selected production companies to produce two commercials for White Lite. One commercial will be aimed at the female population of the state. The second commercial will assure the male segment of the population that the product is also

beneficial to them.

White Lite milk carton side panels were approved by the board members. Presented by the advertising firm of HBM/CREAMER, Pittsburgh, the panels will be offered to milk dealers for use on 2 percent milk cartons. The panels show half of a shapely female silhouette using the color scheme of white on a medium blue.

Milk dealers utilizing the packaging design will have a variety choices concerning number of panels used and the location and size of the dealer's name.

Board members instructed the Pittsburgh advertising agency to purchase billboard sites across the state with high visibility and a large viewing percentage.

A 12-city media tour by the White Lite team was approved as well as the production of video of the team. The video could then be used separately or accompany a single member of the team, according to Cathy Farmer of the Kelly

Michener Inc. advertising agency, Lancaster.

A recipe contest tentatively slated for a late-March kick-off was approved by board members. Farmer noted that Caloric appliances expressed an interest in cosponsoring the contest. In an attempt to stretch promotion dollars, the board instructed the Lancaster agency to explore Caloric's offer.

A representative from the Michener agency has finalized plans for a milk promotion with Campbell Soup. The soup company plans to test the promotion in May or June. If the program is successful, the soup company has suggested it will make the promotion an annual event.

Board members approved a package by John Foley, sports manager for KDKA radio in Pittsburgh, to sponsor the Pittsburgh Pirates baseball games in 1987.

Last year the board members had a dairy booth installed in Three Rivers Stadium to sell milkshakes. Foley proposed ad-

ding six locations to sell dairy products with signs directing the spectators to the booths. Over 12,000 gallons of milkshakes were sold at the one location last year.

Board member Elder Vogel, Rochester, said the stands were "setting an example of how milk can be sold and sold profitably in a stadium."

The package also includes last year's seventh inning milk break. Foley noted the milk promotion group is the only sponsor with an inning. The KDKA group will work with PDPP to hold a milk promotion in downtown Pittsburgh as well as Dairy Night at a Pirates game in June.

Since the KDKA broadcast area extends outside of Pennsylvania and in Federal Order 36, board members recommended cosponsorship of the Pirates game be discussed with the promotion group in Order 36.

Board members decided to support the Bradford County Endless Mountain Triathlon if a joint sponsorship can be worked

out with the American Dairy Association in Syracuse, N.Y.

A milkshake program for school districts was outlined by Jeff Snow of the Michener agency. Milkshakes can increase milk consumption in schools by making milk more inviting, Snow explained. Playing off the Make It Milk slogan initiated by PDPP, Snow entitled the promotion, "Make it Shake."

He proposed developing a brochure which explains the nutritional benefits of milkshakes and the income possibilities of a milkshake machine to a school district.

Harteis explained that the Allied Milk Producer, a promotion group in the center of the state, have placed three milkshake machines in Somerset and Cambria County. The machines have been in place for two years. He is expecting positive consumption results later this year.

The board members voted to table a decision on the program pending an exploration of the possibilities of making it work. Included in this decision examining the feasibility of hiring an individual to monitor and sell the program.

Approval was given for the PDPP to purchase and offer litter bags, key chains, change purses and bumper stickers free to the local promotion groups. Cindy Welmer, promotions coordinator, also received the green light to purchase for resale the following promotional items: belt buckles, license plate frames and porcelain mugs.

The board members voted to continue to offer placements to the local promotion groups.

Board member, Ernest Miller of Hamburg has been appointed to replace Keith Eckel on the National Dairy Promotion and Research Board.

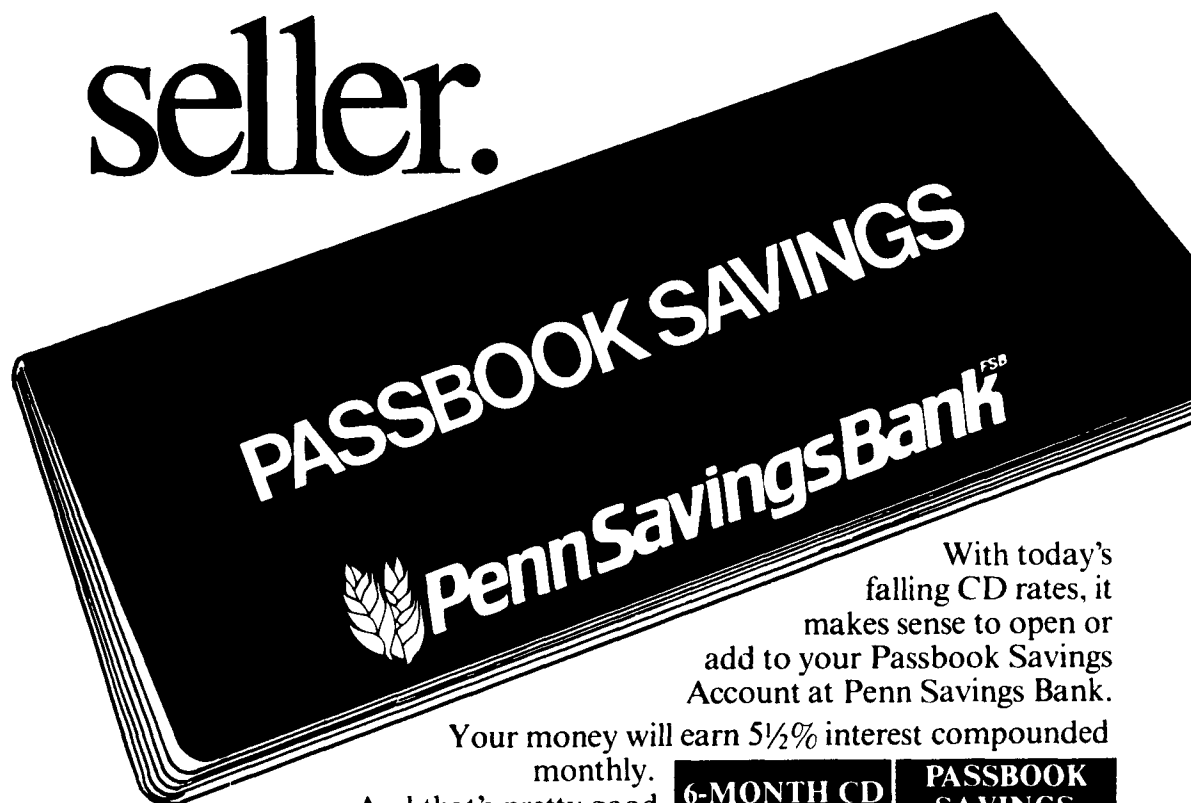
Red Meat Production Increases

HARRISBURG — Commercial red meat production, dressed weight basis, in the state during December 1986 totaled 88.8 million pounds, up 6 percent from the previous year according to the Pennsylvania Agricultural Statistics Service.

Beef slaughter at 116.9 million pounds liveweight was up 7 percent from a year ago. Total head slaughtered was 99,300, up 8 percent; liveweight averaged 1,177 pounds for a decrease of 15 pounds. Veal slaughter was 4.2 million pounds liveweight, down 14 percent. Calf slaughter of 25,200 head was down 12 percent; the average lightweight decreased four pounds to 165 pounds.

Hog slaughter at 33.9 million pounds liveweight was up 2 percent from a year ago. Total head slaughtered was 144,800, up 2 percent, with the average liveweight unchanged at 234 pounds. Lamb and mutton slaughter was 1.2 million pounds liveweight, up 7 percent; the number slaughtered at 10,800 was up 5 percent and the average liveweight increased two pounds to 109 pounds.

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Adams Co. Corn Day Stresses Profits Over Yields

BY GINGER SECRIST MYERS

Adams County Correspondent

YORK SPRINGS — Over 100 people ventured out on snow-packed roads to the York Springs Firehall, Jan. 26, for the 1987 Adams County Corn Day Program. The day featured a varied program of presentations on economical corn production, marketing options, an opportunity to browse through the 22 agri business displays on hand, and the presentation of the county's 5-Acre Corn Club and Silage Club awards.

Capturing a blue ribbon in the State Silage Club competition was Mason-Dixon Farms, Gettysburg, with a yield of 23.1 tons per acre at 70 percent moisture. Farm Crops Manager, Thomas Johnson, explained that Eastland variety 625X was double-cropped in after barley. Mason-Dixon Farms then irrigated their corn with manure water.

Others in the county participating in the 5-Acre Corn Club programs were David Reinecker, York Springs, and Ronald and William Harrison, Littlestown.

This meeting served as a two-credit session under the new pesticide re-certification requirements with those in attendance receiving one credit for Joey Mayer's, Cumberland County Extension Agent, presentation on "Chemical Weed Control Recommendations" and Penn State Ag Safety Specialist Dennis Murphy's detailed explanation of the PA Right-to-Know Law and Pesticide Update Training.

Doug Beegle, Penn State agronomist, addressed the topics of "Secondary Elements and New Trends in Corn Fertilization". Beegle stressed that the pH of the soil will determine how you manage sulfur and the micronutrients. He noted that sulfur deficiencies are rare in Pennsylvania, in large part due to the amount of acid rain the state receives. Still, he feels sulfur deficiencies may be our next problem area. Field tests for deficiencies in both sulfur and zinc have been inconsistent, but tests are continuing.

Beegle outlined the need for better nutrient management for both corn and alfalfa yields. Highlighting the value of manure for soil nutrients. Beegle stated that three-quarters of the nutrients produced on a dairy farm stays on the farm. It is contained in the manure to be spread back on the

fields from which the crops were harvested to feed the cows. The other quarter of the nutrients leave the farm in the form of milk and cull cows.

To take full advantage of those nutrients available in the manure, Beegle recommends saving the liquid fraction of manure since it contains large amounts of nitrogen, incorporating manure immediately after spreading to prevent loss of nitrogen through oxidation, and soil testing and manure analysis to match soil needs with manure nutrient content.

Roland Freund, Penn State area farm management agent, looked at ways to increase profit margins by reducing costs rather than by increasing corn production. Freund likened past production strategies to a double-barreled

shotgun approach; producing more corn regardless of the costs. He suggests instead that corn producers attempt to, "get the buck with the barrel."

He recommends, "Take the time and patience to use a sharp pencil. Figure out all your costs and calculate likely sales. Put your inputs on your best fields first and consider rotating unprofitable acreage out of corn... if it doesn't work out on paper, it sure won't work out in the field."

Area marketing specialist Larry Yeager and J. Glen Miller, Adams County ASCS, highlighted possible marketing options and the 1987 ASCS program provisions. Stated Yeager, "While some of you may be hesitant to consider the government programs for a variety of reasons; they're still the best game in town."



Penn State Extension agronomist Doug Beegle (left) congratulates Thomas Johnson and Horace Waybright, Mason-Dixon Farms, Gettysburg, on their 5-Acre Corn Club yield. Presentation was part of Adams Co. Corn Day program.

Conservation Reserve Signup Set For Feb. 9

HARRISBURG — Farmers will have another opportunity to enter their highly erodible land in USDA's 10-year Conservation

Reserve Program from February 9 to 27. Eugene Thompson, director of the USDA Agricultural Stabilization and Conservation

Service, reported a change in eligibility for this signup.

Alfalfa and other legumes and grasses in a crop rotation system are now considered agricultural

commodities in determining land eligible for the Conservation Reserve Program (CRP), reports Thompson.

Land must be in an agricultural commodity crop for at least two of the five years, 1980-85 as one condition of eligibility. "This is land that is not causing an erosion problem while in grass, but would when it is put in grain crops without conservation practices," reports James Olson, state conservationist for the USDA Soil Conservation Service.

Another condition is that soil erosion is occurring at three times the allowable rate on land classes II through V or at two times the allowable rate with a serious gulley erosion problem. Land in classes VI-VIII does not need to meet the soil loss requirements.

Farmers in the CRP receive payments for ten years for taking erosive cropland out of production and putting it into perennial grass, wildlife plantings or trees.

Additional information on the Conservation Reserve Program or other provisions of the 1985 Farm Bill is available from Soil Conservation Service or Agricultural Stabilization and Conservation Offices.

Cochranville Dairyman Elected Director

SOUTHAMPTON — Elvin M. Rohrer Jr. has been named a director of Inter-State Milk Producers' Cooperative, according to Robert B. McSparran, president.

Rohrer, Cochranville, was

elected by Inter-State's District 11 members. He replaces H. Lee Brown, Oxford, who served as a director for two years.

Rohrer, 53, and his family have been farming for over 200 years. They currently own 153 acres and

milk 55 Holsteins at their Elver Valley Farm.

An active Inter-State member, Rohrer served as his district president, vice president and delegate. He has been a cooperative member for 20 years.

Rohrer is a member of the Pennsylvania Farmers Association, Dairy Herd Improvement Association, the Chester County Agricultural Conservation Service and the Chester County Dairy Promotion Committee.

In addition, he is an active member of the Mt. Vernon Mennonite Church and is a former member of the West Fallowfield Christian School Board.

Rohrer and his wife, Vera, are members of the Pennsylvania Farm Vacation Association and welcome the county's tourists. They are the parents of five children — Judy, Linda, Charlene, Jay and Gerald.

Delmarva Dairy Day Set

NEWARK, Del. — New trends in milking equipment and electronic feeding will be featured at the annual Delmarva Dairy Day Feb. 2 from 10 a.m. to 3 p.m. at the Hartly Fire Hall, Hartly.

The theme of this year's meeting, which is cosponsored by the Delaware and Maryland Cooperative Extension systems, is "Dairying in the 1990s." The meeting is free and open to the public; however, pre-registration at county extension offices for an industry-sponsored lunch is required by Jan. 25.

Prior to the first morning session, exhibits will be open from 9 a.m. to 10 a.m., and coffee and donuts will be served.

Dr. George Haenlein, University of Delaware extension dairy specialist, will be moderator of the

first session on milking equipment. Products such as Delaval, Boumatic and Westfalia will be discussed.

The use of fiber in dairy cow rations will be considered by Dr. Kim Cassel, University of Maryland extension dairy specialist. Chip Dougherty, animal nutritionist from Eastman Kodak, and Roger McKnight, president of Romac Nutrition, will then speak on the use of acids in ration formulation.

Fly control will be the topic of Dr. Ed Schmidtman, research entomologist with the USDA, in Beltsville, Md.

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FTC Denies ADA Petition For Use Of Fat-Free Slogan

WASHINGTON — The Federal Trade Commission has denied a request by the American Dairy Association to reverse a ruling which prohibits milk advertising from using the phrase 96 percent fat-free.

A petition filed jointly this summer by the ADA, the Wisconsin Justice Department, and the Wisconsin Milk Marketing Board, requested a termination or moderation of a 1973 FTC decision, according to Jean Wegner of the United Dairy Industry Association. At that time a radio jingle proclaiming milk as 96 percent fat-free was playing and became the subject of the ruling.

The FTC termed the slogan misleading and offered false benefits, Wegner explained. Included in the decision was the claim that milk was neither low in fat or calories. The FTC ruling stated that 96 percent fat-free implied that 96 percent of the fat in milk had been removed, she said.

However, the promotional phrase can be used, according to the 1973 decision, if the ads disclose the amount of calories or grams of fat in a glass of milk, the UDIA spokesman said.

"The ADA has not shown any material change in fact or law — a requirement for vacating the order," according to Sherry Blount of the FTC. Therefore, she continued, the ads are still misleading.

The law prohibits advertising milk as any percent fat-free without the caloric content included in the promotion, the at-

torney in the enforcement division of the FTC stated.

When a decision is considered by the FTC, there is a public comment period. During this time positive or negative comments regarding the pending decision are filed with the FTC.

Over 130 comments were received by the Commission concerning the fat-free slogan, Blount said. "This is an exceedingly large amount for an order-amending decision," she said.

The majority of the comments were in favor of vacating the order, she noted, and were received from individual farmers in the dairy belt. Also filing comments in opposition to rescinding the order were nutrition groups, the American Heart Association and the Center for Science in the Public Interest, a Washington based, privately funded, consumer interest group.

"The Commission considered every comment in making its decision," Blount said. However, the positive comments were no longer than a paragraph and offered no justification as to why the order should be repealed, she noted. Three organizations filed extensive comments why the original decision should remain in place, the FTC spokesman added.

Blount said the Commission announced its decision on Dec. 17.

Wegner explained that the Food and Drug Administration's rules for dairy products labeling made the FTC's ruling unnecessary. Other

food companies make similar claims concerning their products without making similar caloric disclosures, she explained.

"We are going to study their document and pursue the topic in the future," the UDIA spokesman said, adding that the subject is not closed.

"Our present campaigns are working well. The recall is very good and the Real Seal recognition is high," Wegner said. There were no plans to start a fat-free campaign when the order-amending petition was filed, she added.

The Center for Science in the Public Interest opposed the ADA's petition for three reasons, according to the consumer group's legal director, Bruce Silverglade.

He said the ad is deceptive since it implies whole milk is low in fat. And, he added, authorities consider milk to be high in fat. "The dairy industry has low fat products to sell. We wish they would spend their dollars promoting the low fat products instead."

Milk is 87 percent water, Silverglade noted, creating a dilution factor which reduces the percentage of any component. He cited this as a reason milk might be perceived as low fat.

Consumers would perceive that 96 percent of the fat in milk has been removed if the phrase were permitted in advertising milk, the legal director said as the final point in the group's comment.

Scott Ballin of the American Heart Association, which also filed a comment in opposition to

rescinding the order, echoed Silverglade. He said Association would have no problem in terming 2 percent milk as 50 percent fat-free since half of the fat has been removed.

Vice president and legal counsel

for the AHA, he added that drinking whole milk is not in the public interest when alternatives, lowfat and skim milk, are available. He noted that a diet high in fat could lead to cardiovascular disease.

Mennonites Have Responsibility To Help Farmers, Leader Says

Mennonite Christians who farm have a responsibility to God to take care of the land, Wilmer Heisey of Mennonite Central Committee told a group of farmers and others recently at a seminar in Smoketown. "At the same time, the church has a responsibility to support farmers who are in financial difficulty," he said.

Heisey, who is executive secretary of MCC U.S., has been actively involved in helping Mennonites affected by the current farm crisis. He made his comments at a seminar attended by more than 50 persons on "Dilemmas of the Mennonite Farmer," sponsored by The People's Place Associates, Intercourse.

Christian farmers in North America are influenced by two traditions, Heisey said. On one hand, their forebears were pioneers who came to the New World for opportunity, not only for religious freedom.

The pioneer "buys a place, breaks land, and gets ahead," Heisey said. The pioneer outlook is

characterized by "the itch to improve and enlarge" and to gain wealth and power.

But Christians are called to be stewards or tenders of the land, Heisey said. Their interest should be in giving to the world and to future generations.

Being a steward is not an easy task, participants at the meeting agreed.

"My accountant tells me I ought to let the ground sit and take the government check," one farmer said. "How do I as a Christian reconcile that with my concern for stewardship of the land?"

"I heard just yesterday that the ground next to me is going to be sold for a K-Mart," another farmer said. "I'm interested in passing on to our children."

Other participants raised questions about the use of fertilizer, land values, and the effect of financial pressures on family life.

Several farmers said they are struggling just to survive. Other participants said they haven't been hit by the economic crunch yet but are worried about what lies ahead.

The situation in the East is "about two years behind" that in the Midwest and West, a Lancaster County farmer warned.

Hard times are a challenge to the church, Heisey said.

Mennonites have "learned how to respond to people in trouble on the other side of the world," he pointed out. "But what do we do when that person's farm adjoins ours?"

Farmers who survive sometimes feel smug in relation to those who have failed, Heisey observed.

"I think we've come to the idea that God will honor us if we work hard," he said. "We've come to a theology of success. We don't have a theology of failure."

Affluence and an emphasis on self-sufficiency have made it hard for people to care for each other, Heisey said. But Christians must learn to be both givers and receivers.

Response to farmers in trouble is not just a farm issue, the speaker contended. Rather, it's a matter of bringing faith and finances back together.

Responding to troubled farmers makes it easier for the church to respond to other members who are in need, Heisey said.

Helfrick Reappointed

HARRISBURG — Sen. Edward W. Helfrick, R-Northumberland Co., has been reappointed chairman of the Pennsylvania Senate's Agriculture and Rural Affairs Committee for the 1987-88 legislative session.

"I look forward to another two years at the helm of the Agriculture and Rural Affairs Committee," said Helfrick, who has chaired the Committee since 1981. "This session promises to be one in which we will be addressing many important issues facing the farm and rural communities of Pennsylvania. One major area we will be considering is farmland preservation and the possibilities of local governments purchasing conservation easements from farmers. A bill calling for this sort of plan has been introduced by my colleague and vice chairman of the Committee — Lancaster County's Senator Noah Wenger."

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PREDICTED DIFFERENCES						— PROTEIN —			— TYPE —			
SIRE		MILK	TEST	FAT	VALUE	RPT	%	LBS	\$	RPT	PDT	RPT
— JERSEYS —												
8J240	Pal	+1464	-.14	+51	+\$164	73%	-.13	+38	+\$154	73%	-1.1	57%
8J234	Royal	+ 784	+.22	+65	+\$151	76%	+.08	+38	+\$165	76%	+ .2	58%
21J337	Yankee	+1493	-.31	+31	+\$132	87%	-.12	+40	+\$123	87%	- .3	77%
8J210	Fascinator	+ 648	+.07	+40	+\$102	99%	-.03	+19	+\$100	99%	- .2	99%
8J230	Choco	+ 727	-.04	+30	+\$ 89	90%	-.08	+17	+\$ 82	89%	+ .6	80%
8J225	Tor	+1185	-.34	+13	+\$ 85	86%	-.15	+26	+\$ 72	83%	+ .2	67%
8J213	Soldier	+ 198	+.09	+20	+\$ 44	98%	-.03	+ 3	+\$ 40	98%	+ .4	97%
— GUERNSEYS —												
21G256	Jetstar	+1349	-.21	+35	+\$131	52%	-.17	+27	+\$113	52%	N/A	N/A
21G247	Fayette	+ 987	-.13	+29	+\$101	95%	-.06	+27	+\$ 96	95%	+2.8	94%
8G171	Agni	+ 534	+.12	+39	+\$ 94	73%	+.03	+22	+\$ 99	73%	- .3	54%
8G164	Lucky	+ 787	-.12	+22	+\$ 79	73%	-.14	+11	+\$ 63	72%	- .2	47%
8G116	Lassie	+ 393	-.01	+17	+\$ 49	87%	+.03	+17	+\$ 54	83%	- .9	71%
— AYRSHIRES —												
8A118	Pudge	+ 609	+.02	+27	+\$ 78	85%	-.04	+13	+\$ 71	84%	-1.5	52%
21A3	Hi	+ 721	-.06	+20	+\$ 72	56%	-.03	+18	+\$ 66	53%	- .7	28%
8A33	Hi Champ	+ 202	+.02	+10	+\$ 28	68%	+.02	+ 8	+\$ 29	68%	+ .3	49%
— BROWN SWISS —												
21B421	Rocket	+1020	-.06	+32	+\$108	84%	-.05	+28	+\$103	82%	- .5	82%
21B422	Crusader	+ 679	+.07	+38	+\$100	79%	-.03	+19	+\$ 97	76%	+ .3	80%
21B438	Regal	+ 491	+.06	+29	+\$ 75	57%	+.02	+19	+\$ 78	56%	+ .6	75%
— MILKING SHORTHORN —												
21M522	Prince	+1775	-.10	+52	+\$182	49%	-.05	+50	+\$174	37%	+ .6	38%
21M515	Pacesetter	+1335	+.01	+52	+\$158	95%	+.02	+46	+\$162	94%	+ .6	95%
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Banker Offers Dollar Saving Tips At Maryland Ag Day

BY SUE CROW

Maryland Correspondent

CHESTERTOWN, Md. — "Manage to survive" was Martin Thornton's message to over 150 people attending the Upper Eastern Shore Ag Day. This statement became more and more of a reality with the drop in farmland values across the country.

Bankers are looking more critically at the whole production picture. Production per acre is more important than the price per bushel and this is where people like Thornton, vice president and senior farm manager of People's Bank of Bloomington, Ill., look first when it comes to long-term

financial projections.

Thornton said the shortage of money for loans is a myth. The fact is that not all credit applications are credit worthy. Bankers lend money to make money and they will not lend without assurance of a person's ability to return the money.

Sharing information, attending seminars, talking to successful people are some ways to fine tune your business management practices. Thornton suggested trying new ideas on a limited basis, but retaining proven techniques.

Specifically, farmers have to critically look at their farming techniques — check soil pH levels, fertilize correctly, control weeds

by type and field, and check farm drainage. Thornton stressed that these items can produce savings which will pay off in the long run.

Thornton stated that a temporary or short term loan may ensure failure. A banker who provides a temporary loan to help the farmer over the hump is not helping. The farmer is avoiding reality by thinking a temporary loan without benefit of a long range plan will solve financial problems.

Other ways Thornton suggested farmers can save money in 1987 include:

- Taking advantage of off-season prices.
- Comparing discounts to the cost

of borrowing money.

• Buying only from financially sound suppliers, beware of deals that are too good to be true.

• Budgeting for the best and worst crop.

• Exploring supplemental income sources.

• Examining PIK and ROLL potential.

• Rotating corn and soybeans.

• Maximizing populations.

• Planting early.

• Studying variety tests.

Dr. George Stevens, a University of Maryland agricultural economist, spoke on Maryland's Farm Crisis. From his charts and surveys he showed that farm assets have been falling since the 1980s, which was caused by the fall in land prices. Stevens said an encouraging sign was that farmers were reducing their liabilities.

As a group of the economic sector, American agriculture is holding its own and doing great. Stevens said that the net cash income has been rising since 1977. Many farmers though are supplementing farming through their spouse or by taking a second job. Off-farm income soon may pass net cash income, Stevens stated.

As the fifth most expensive

farmland in the country, Maryland will have to wait out the storm on better land prices. As the commodity prices get better so will land values. Since 75 percent of the land in the United States is bought by farmers, it is going to take some time to balance out again, says Stevens.

Major changes in farm policy are a certainty in the next three years, Stevens forecasted. There will be a continuation of farm policy with control on production. Supply and demand have to be in line before the support price can be cut. Reagan proposes a 10 percent cut in the target price. Stevens says a lower percentage is more realistic.

The last speaker on the program, John Hall, based the topic "Financial analysis, are you prepared?" on stress management. Whether it is financial, legal or emotional, it is a large factor in farming today.

Computer analysis will also play a large part in the near future in the management of our farms. Many programs have been developed and much has been done to ease the fear associated with bringing a new innovation to the older generation.

U.S. Ayrshire Breeders To Host World Ayrshire Conference

BRANDON, Va. — The Ayrshire Breeders' Association of America is busy planning for the Sixth World Conference of World Federation of Ayrshire Breed Societies to be held in the United States. General chairman for the event is Dr. Hilton Boynton. The Conference will be Sept. 28 to Oct. 9, 1988 with a post-convention tour extended to Oct. 14.

Current plans include visits to New York City where foreign guests will have the opportunity to view the Statue of Liberty and other famous sights, as well as taking a boat trip in the harbor. From New York the group will be bused to Pennsylvania where they will visit several herds including Ardrossan Farms in Villanova, the state's highest producing Ayrshire herd, averaging over 20,000 pounds on the 100 plus herd. Stops will also be made at Longwood Gardens and in the Amish country.

From Pennsylvania the group will be flown to the Mid-west where they will attend the World Dairy Exposition. Ayrshire enthusiasts are hoping to have one of the largest shows ever, with 400 Ayrshires participating in the 1988 National Ayrshire Show in Madison. While in Madison, Conference meetings will be held where papers will be presented by Ayrshire leaders from around the world.

From Madison, the tour heads towards Iowa where the group will see a farrow-to-finish hog operation, more Ayrshire herds and other facets of U.S. agriculture. While in Iowa they will be treated to a hog roast and a Paddle Boat ride on the Mississippi

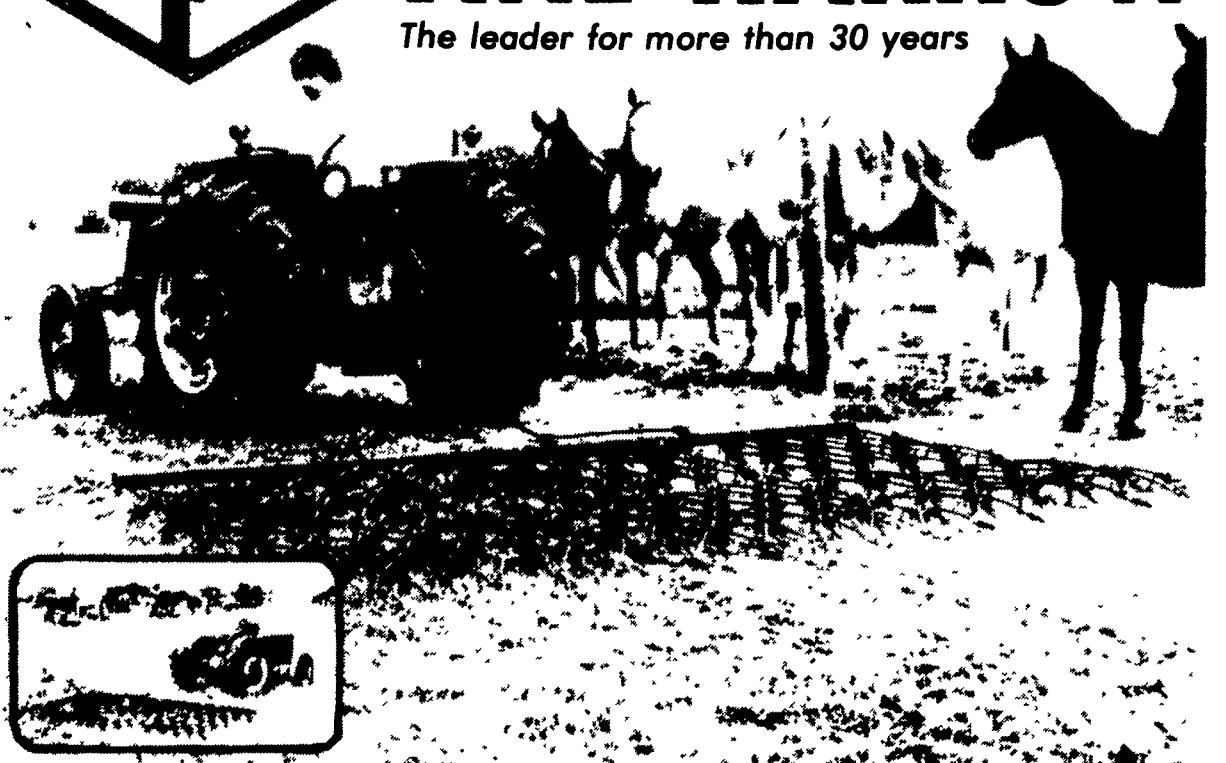
River. The Conference officially ends in Iowa, but a post-convention tour is offered, with a trip to Los Vegas, the Grand Canyon, Hoover Dam and to the farm of the World Federation President, Raymond Jarratt, in New Mexico.

United States Ayrshire en-

thusiasts are welcome to participate in the Conference activities and are encouraged to help. For information about the World Conference contact the Ayrshire Breeders' Association, 2 Union St., Brandon, VT 05733 or phone 802-247-5774.

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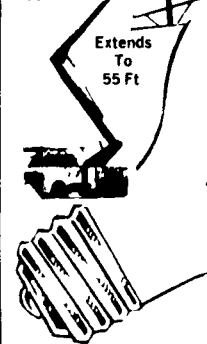


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Tighter Regs Discussed At Fertilizer-Pesticide Conference

BY MARY MAXWELL
Centre Co. Correspondent

STATE COLLEGE — Over 200 fertilizer and pesticide dealers, growers and researchers recently had an opportunity to learn how new state laws will affect their businesses. The discussions were part of the annual Lime, Fertilizer and Pesticide Conference held last week in State College.

Winand Hock, professor of plant pathology and extension pesticide specialist, explained the Worker and Community Right to Know Act signed by Governor Thornburgh last October.

Hock concentrated on the non-manufacturing section of the legislation. A non-manufacturer is defined as a business such as agricultural crops or livestock, agricultural services, forestry and garden suppliers. Exempted under the act are research facilities when testing new products. If specific hazardous substances are used routinely, then information on those chemicals must be made available to employees.

Also exempted are consumers buying small amounts of hazardous substances such as those sold in garden supply or hardware stores.

Hock urged everyone in businesses involving chemicals to be familiar with the compliance materials in the Labor and Industry "Redbook." This is available in manufacturer and non-manufacturer editions and can be obtained by calling the Right to Know Compliance Unit, Dept. of L&I, 717-783-2071.

The non-manufacturer book contains a cross-reference listing of 19,000 hazardous substances by trade and chemical names plus the

necessary forms needed in the workplace.

Materials Safety Data Sheets (MSDS) were explained, and conference participants were told to request forms from the Department of Labor and Industry well in advanced of the August, 1987 deadline for compliance. Farmers with even a single employee must have such sheets for materials used and dealers must have sheets for materials used and stored.

Farmers and others who use or store hazardous chemicals are expected to train employees and required to keep health and exposure records on their employees.

While enforcement of the new law may be difficult, Hock recommends that businesses keep good records so that if a question of compliance occurs, evidence is available and lawful practices can be substantiated.

John Longenecker, Bureau of Plant Industry, Pennsylvania Department of Agriculture, followed with a discussion on Senate Bill 1445. One major change is the definition of those who are licensed to handle hazardous substances. To be a certified applicator one must pass a core exam and, if needed, category tests. A certified applicator is also expected to attend approved training courses for recertification.

A registered application technician is one who has received training by instructors qualified by the Pesticide Advisory Board and who works under the direction of a certified applicator. Employees who are not qualified in the above categories must work under the direction of an on-site certified applicator.

Longenecker outlined the changes in recertification that will be phased in over the next three years. There will be an increase in required certification credits and more agency supervision of training sessions. A state-wide list of training sessions will become available and licenses will expire in March so that applicators and technicians will have the winter months to complete training.

Another major change is that now businesses instead of individual applicators are liable. Businesses must get a Pesticide Application License by March 11. To qualify, the business must show that it has a certified applicator employed at all times and be financial responsible by having liability insurance.

Longenecker said that hearings are being held to further define the bill. "We need input from persons with a wide variety of backgrounds and interests," he said. He suggested contacting pesticide and fertilizer associations or the Pesticide Advisory Board for meeting times. "More work together means more workable results," Longenecker added.

David R. Brubaker, executive vice-president of PennAg Industries, concluded the series. He discussed liability insurance trends and agribusiness.

Brubaker spoke on the high cost of liability insurance and the importance of being covered. "Society is not accepting the risks it did 10 years ago from an environmental point of view," he said. "Those in agribusiness need to look ahead to what things are not even mandated in laws today. What is acceptable now may not be true in 10 years."



Pesticide conference speakers Win Hock (center) and John Longenecker (right) discuss the new pesticide law with Michael Schwarz of Mobay Corp.

With more rural lands becoming urbanized, Brubaker sees the composition of law-making bodies changing. Fewer legislators will be pro-agriculture, he feels.

Legislation may severely limit

the use of pesticides and fertilizers. "The public is becoming increasingly concerned about the environment and may become willing to pay for cost increases in food and taxes in order to decrease risks," he said.

Agricultural Building Ventilation Meeting

The Eastern Lancaster County Adult Farmer Program will sponsor an Agricultural Building Ventilation session on Tuesday evening, February 3, at the Blue Ball Elementary School beginning at 7:30 P.M. Dairy, beef or swine producers who are in need of improving ventilation in existing buildings or considering new building construction would benefit by attendance.

Topics presented will include fundamentals of ventilation—what is necessary to make a ventilation system work; where to bring in and discharge air; designing

systems for new and existing buildings; selecting proper size equipment and costs for system requirements; and location of controls, maintenance, and insulation requirements. Mr. Nevin Wagner, Ag Engineer for Triple H Construction, will be assisting in the presentation and sharing slides of various installations.

All interested persons are invited. The blue Ball School is located ½ mile east of Blue Ball on Ewell Road, between routes 322 and 23. For further information call the Adult Farmer office at 354-4525.

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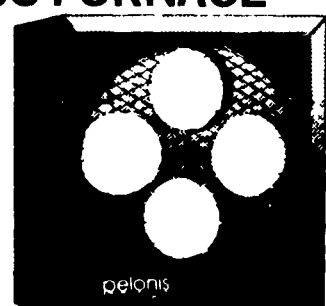
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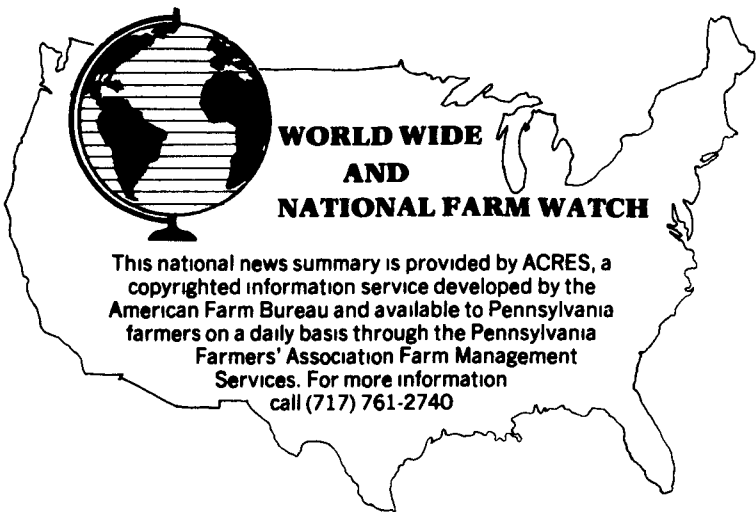
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— **TRADE DISPUTE STILL UNRESOLVED** — U.S. and EEC trade ministers met through the weekend without reaching an agreement that would head off an impending trade war. January 30, 1987 is the deadline set by President Reagan for the EEC to reduce import restrictions on U.S. agricultural commodities to offset losses to American farmers because of tariffs imposed on feed grains when Spain and Portugal became members of the European Common Market. The EEC has been stubborn about promised compensation, offering much lower compensatory measures, some of which involved industrial products instead of agricultural commodities. The U.S. will impose 200 percent tariffs on specified European products Jan. 30 if a satisfactory solution is not found this week.

Officials fear that escalation of the dispute will heighten congressional pressure for protectionist legislation which can do more harm than good in the long run, especially for agriculture. American Farm Bureau president Dean Kleckner said Friday, "If we attempt to reduce or eliminate the trade deficit simply by introducing import restrictions, whether across the board or product-specific, we will ultimately make matters worse for our economy and the world economy."

In a letter to Texas Sen. Lloyd Bentsen, chairman of the Senate Finance Committee, Kleckner called for Congress to strike at the root causes such as unfair trade practices, the huge U.S. budget deficit, reduced competitiveness of U.S. commodities and sluggish foreign economic growth.

— **WHO DECIDES WHICH IS WHICH** — Non-essential federal government employees were advised not to go to work today because of a crippling snowstorm affecting the Washington, D.C. area. What a quandary for some of them left to their own judgment to decide whether to come to the office or consider themselves non-essential. Next question — how much does national productivity suffer when government offices remain unmanned?

--- **NEW WITHHOLDING FORMS HAVE IRS ON DEFENSIVE** — Those taxpayers who have not yet tackled their new W-4 withholding forms may be rewarded for their patience. The IRS is rethinking the whole thing after their boss, Treasury Secretary James Baker, admitted last week that the forms should be simpler. With lower tax rates and higher personal exemption rates, tax withheld should go down and take-home pay should be higher, but the new worksheet, which has proved to be too complicated, required people with non-wage income to establish estimates that would allow withholding to cover taxes due on such amounts. The chance of error is all the more fearsome because of the penalty clause in the new law for claiming too many allowances causing employers to deduct less than enough to cover 90 percent of total tax liability.

Taxpayers will have to estimate their deductions and other adjustments to wages without benefit of hindsight, since the tax code is new, warns Jane Bryant Quinn, financial columnist.

COCHRANVILLE — Elvin Rohrer Jr., newly elected director for Inter-State's District 11, announced that Atlantic Dairy Cooperative will join the Regional Cooperative Marketing Agency.

The Cochranville dairyman announced Atlantic board of directors' decision at the District's recent annual meeting. Atlantic is the new cooperative which will result when Lehigh Valley Farmers merge with Inter-State on Feb. 1.

Rohrer, completing the unexpired term of director Lee Brown, also recognized to families who have been a member of Inter-State for 25 years — David and Linda Pierce and Edgar Latham and Sons.

James Barnett, Inter-State's manager of member relations,

reported that on Jan. 1 the support price dropped from \$11.60 to \$11.35. Also, the buyout assessment dropped from 40 cents to 25 cents on Jan. 1. On Oct. 1 the support price is scheduled for a reduction from \$11.35 to \$11.10 in accordance with the 1985 Farm Bill. At this time the buyout assessment will stop.

The results of the election of officers for the Cochranville local are: Kenneth M. Umble, president; Dale R. Hostetter, vice president; Harry L. Troop,

secretary-treasurer; Harry L. Troop and Terry L. Stauffer, delegates; and David R. Bartram and Richard Buckwalter, alternate delegates.

In the Oxford local elections Roy N. Bender was elected president. Also elected were: Jordan Reyburn, vice president; Hoopes T. Yarnall, secretary-treasurer; William W. Sheperd and Hoopes T. Yarnall, delegates; and David Delp and Kevin Stahlnecker, alternate delegates.



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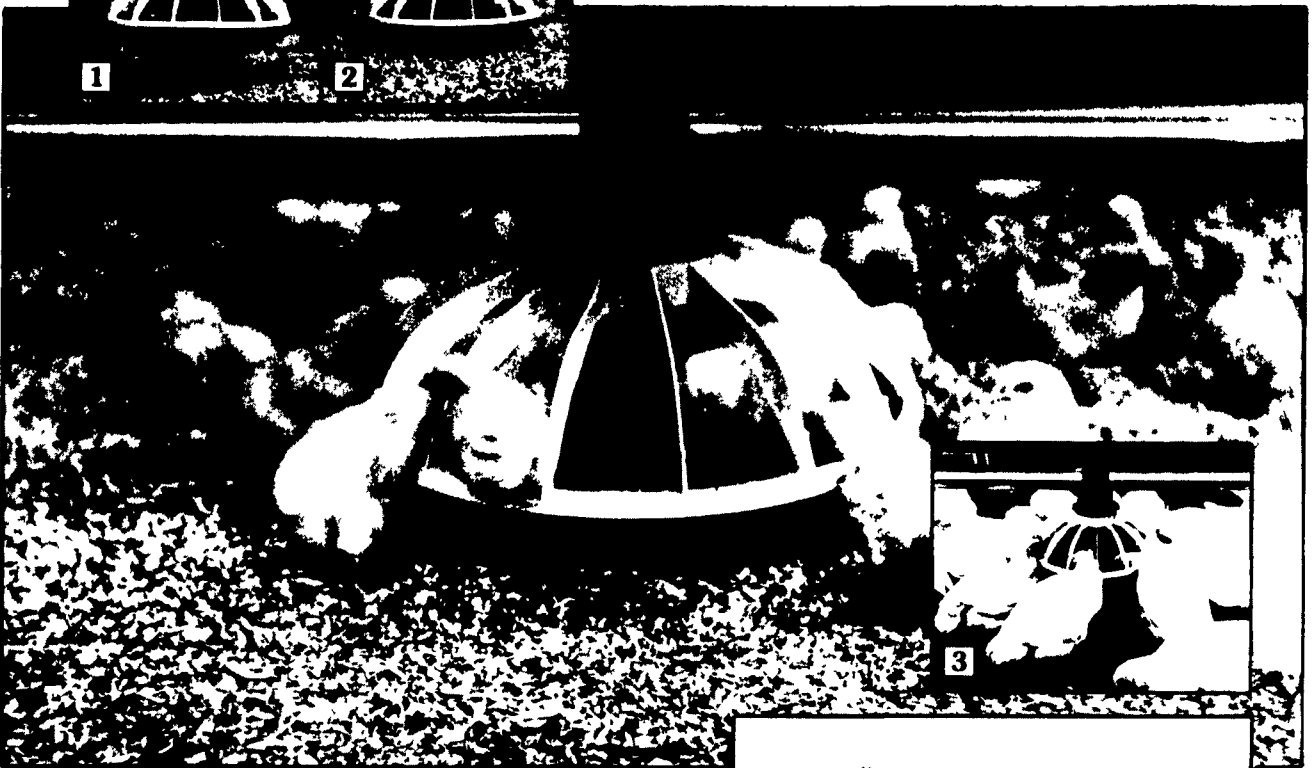
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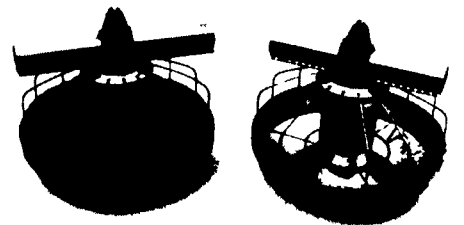
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Milk Teams Up With the National Ski Patrol

WILLIAMSPORT — As we enter the heart of the winter ski season, the American Dairy Association and Dairy Council's annual ski advertising program is in full swing. Skiers throughout Pennsylvania will be exposed to milk's advertising message as they ride chairlifts to the mountaintop.

ADADC participates in an advertising network called Ski-View USA. This network places billboard advertising on ski lift towers at ski resorts nationwide. Over 60 milk billboards will be placed at 13 ski resorts located throughout Pennsylvania.

The ski advertising program will be extended through two special promotions in order to reinforce the advertising message. The first of these is an endorsement by the National Ski Patrol of milk as its official beverage. Milk is a safe

and healthy beverage for skiers, and therefore has received the endorsement of the patrol.

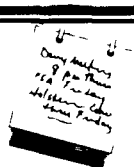
A second extension of the advertising program is a cookies and milk promotion which will take place at selected ski resorts. The ADADC has teamed up with Nabisco to provide skiers with snack packs featuring Oreos and milk. Special promotional dates have been arranged for local ski resorts to distribute the snacks to skiers free of charge.

This is ADADC's fourth year of participation in Ski View's network. Research results have shown milk's ski billboard to be highly visible and easily recalled by skiers. The milk ads feature a ski safety message and promote the National Ski Patrol's endorsement.



Brian Ward (left), American Dairy Association and Dairy Council and Stephen Over, National Ski Patrol, present milk's latest ski billboard. Ward also presents Over with Ski View's check as an official sponsor of the Patrol.

Farm Calendar



(Continued from Page A10)

ASCS Meeting, Acreage Reduction Program, Lancaster County Farm and Home Center, 7:30 p.m.

Wednesday, February 11
Making Smart Decisions Seminar, Session 2, Chambersburg.
Lancaster Extension Swine Meeting, Farm and Home Center.
Fayette County Dairy Day, Waltersburg IOOF Hall, 10:30 a.m.

Thursday, February 12
Mid-Atlantic Direct Marketing Conference, Radisson Hotel, Wilmington, Del. Continues through Feb. 14.
Forage and Soils Day, Leemasters (Franklin County) Community Center, Leemasters, 9 a.m.
Lancaster Extension Annual Meeting, Farm and Home Center, 6:30 p.m.
Dairy Cattle Reproductive Clinic, 10 a.m. to 3 p.m., Extension meeting room, Courthouse, Honesdale. Continues tomorrow.

NEWARK, Del. — The eighth annual Delaware Farm and Dairy Tour will travel to five European countries.

Slated for Aug. 13 to 27, the tour will travel to Luxembourg, Germany, France, Austria and Iceland.

Highlights of the tour will include a look at the diversified agriculture in France, Germany, Austria and Iceland including geese farming, green house vegetables and flowers with volcanic steam in Iceland.

Tourists will travel to the semi-tropical island Mainau, the trip

also includes visits to orchards, mountain dairying, trout, lake and ocean fisheries, direct sales, ivory crafts, the castle Versailles, the castle Erbach, ivory crafts, the Hummel figurines factory, predator bird castle, mare milk farm, Verdun World War I battlefield, the living medieval city of Rothenburg, Paris sights and shopping, the world famous Spa Hofgastein, Lake Konstanz, Luxembourg, Reykjavik, and farm tours on the week days to mention a few highlights.

The cost of the tour is \$1,590

which includes buses in Europe, Iceland and to and from Baltimore and to and from Milford, Del., planes, hotels, double occupancy rooms with showers, extensive breakfasts, tour guides, entry fees and some dinners.

Planes leave from Baltimore direct without stop or change in New York to Luxembourg via Iceland and return.

Sign up for the tour is due by Feb. 15 to Dr. George F. W. Haenlein, 048 Townsend Hall, University of Delaware, Newark, DE 19717-1303, or phone 302-451-2522.

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- Medium Group III maturity

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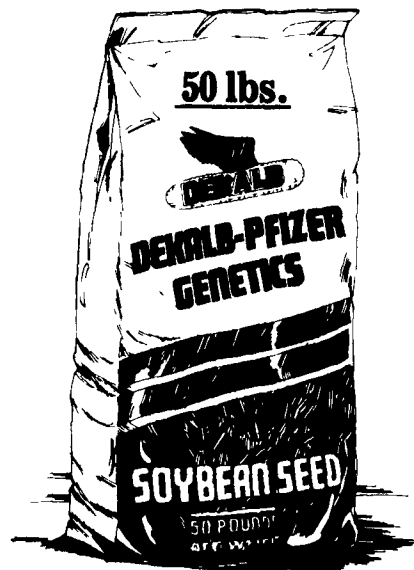
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30 YEARS AGO THIS WEEK

- The index of prices received by Pennsylvania farmers for their principal products dropped five points during the month ended Jan. 15, the State Department of Agriculture announced.

Major cause for the decline was a drop of 15 cents a hundred pounds for milk at wholesale, coupled with lower prices received for beef cattle.

- An audience of about 600 persons at the annual Farm Bureau stockholders meeting Wednesday at the Guernsey Breeders Sale Barn was urged by County Agent Max Smith to help in the completion of the brucellosis testing program in the county.

- Eastern States Farmers'

Exchange will move from their present quarters at 608 N. Prince St. to a new service center at the intersection of Dillerville Road and Manheim Pike Monday.

The new service center is constructed of Butler steel buildings and is paved.

- Drooping ears and a listless attitude in cattle and sheep at this time of year should alert livestock raisers that a disease known as listeriosis may be present, according to a bulletin by the American Foundation for Animal Health.

- Six weeks of bad weather are yet to come, if you believe the groundhog's prediction made as he saw his shadow Saturday.

Reproduction Clinic Slated For Wayne County

HONESDALE - A dairy cattle reproductive clinic will be held Thursday, Feb. 12 and Wednesday, Feb. 18 from 10 a.m. to 3 p.m. in the Extension meeting room, Courthouse, Honesdale.

The two-day event, sponsored by the agricultural extension service, will cover such topics as reproductive efficiency, anatomy and physiology, health, nutrition, treatment, records, and herd analysis. Speakers will include Dr.

Michael O'Connor, extension dairy specialist, and Dr. Larry Hutchinson, extension veterinarian, both from Penn State University; Dr. John Burlein, veterinarian, Honesdale; Sire Power personnel, and several local dairymen.

Pre-registration is requested. All interested persons are welcome. To enroll call the Wayne County Extension Office at 717-253-5970 ext. 114.

- State Agriculture Secretary William L. Henning has announced that the 50th Pennsylvania county has been certified as brucellosis-

free.

Only 17 counties need to meet standards for listing on the state's honor roll in the 20-year fight

against the most bothersome disease of cattle on Pennsylvania farms, commonly known as Bang's disease.



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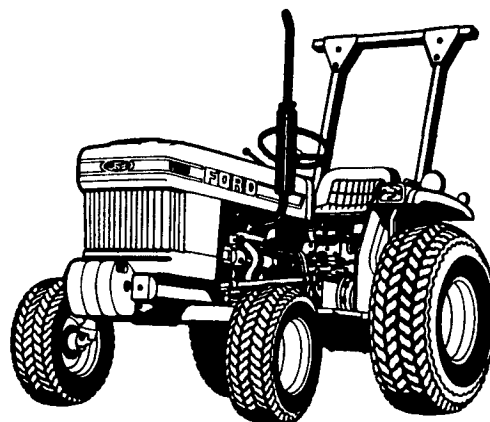


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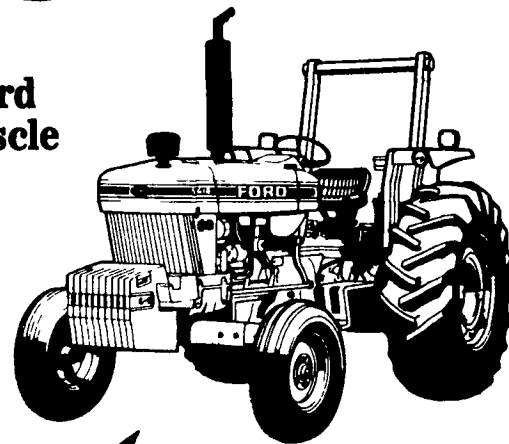
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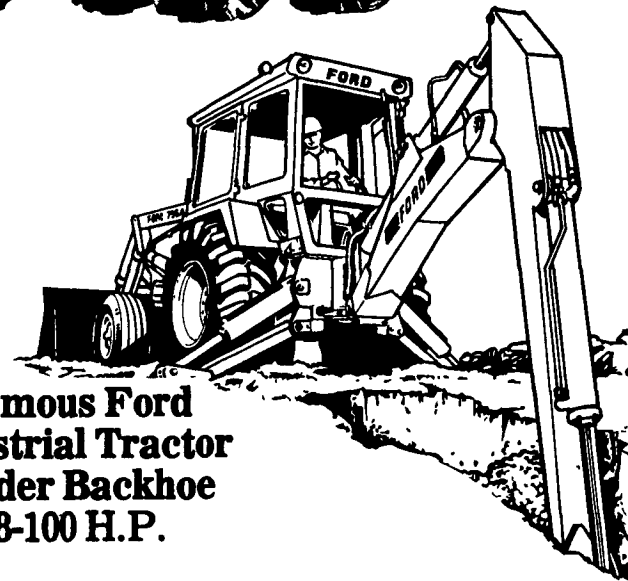
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Milk Consumption Study

Price, Health Concerns Yield Strongest Influence

Editor's Note: In the Jan. 3 issue, Dr. Kirkland presented the theories concerning milk consumption he based his study on. Below are the results of his extensive study.

BY JACK KIRKLAND
Penn State Dairy Marketing Specialist

The price of whole milk and the prices of the other fluid products have a significant influence on the per capita consumption of whole milk in Pennsylvania. As the price of whole milk increases one percent, the per capita consumption of whole milk decreases about 0.97 percent. The response was as expected.

However, the magnitude is larger than was found in past studies. One, which reported the largest negative relationship, found a 0.73 percent decrease in whole milk consumption with a 1 percent increase in the price of whole milk.

The prices of 2 percent, 1 percent and skim milk had a significant influence on whole milk consumption but they had the opposite relationship than was expected. Instead of being substitutes, the study suggests that they are complements. In other words, as the prices of the three fluid products decrease, more whole milk will be consumed and consumers will not switch whole milk for one of the lowfat products.

The influence of the price of cola, income, the proportion of females in the population, the percentage of the population under 19 and season of the year did not have a significant influence on the per capita consumption of whole milk.

Consumption of 2 Percent Milk

The price of 2 percent milk had a significant influence on the consumption of 2 percent milk, with

per capita consumption decreasing 0.99 percent with a one percent increase in the price of 2 percent milk. The prices of the other fluid products had significant, but the opposite than was expected, influence on the consumption of 2 percent milk.

A complementary relationship between the four milk products was indicated, where, as the price of the other products decreases, more 2 percent milk will be consumed. Consumers will not switch to one of the other products.

As the proportion of females increases, the consumption of 2 percent milk decreases. This was the expected relationship, although it was thought the impact of females on the lowfat milks would be less in magnitude than for whole milk.

The effects of the price of cola, income, the percentage of the population under 19, and season of the year had no significant influence on the consumption of 2 percent milk.

Consumption of 1 Percent Milk

The price of 1 percent milk had a significant, but positive, influence on the consumption of 1 percent milk. As the price of 1 percent milk increases 1 percent, the consumption of 1 percent milk increases about 1.4 percent. This is contrary to economic theory.

It is hard to believe that as the price of 1 percent milk increases consumers are going to buy more of it. It may be that tastes and preferences and/or the health concern for fat in milk causing consumers to purchase more 1 percent milk, may be overriding the effect of price. Consumers may be purchasing more 1 percent milk regardless of the changes in its price and the study make be picking up this fact.

Again the effects of the price of

the other milk products show that a significant and complementary relationship exists between the four milk products. The prices of the other products were significant and had the opposite relationship than was expected.

The proportion of females in the population had a significant and positive influence on the consumption of 1 percent milk. As the proportion of females increases, the consumption of 1 percent milk increases. This seems to indicate that perhaps 1 percent milk is the choice of the female population if they decide to consume a fluid milk beverage.

The price of cola, income, the percentage of the population under 19 and the season of the year did not have a significant influence on the consumption of 1 percent milk.

Consumption of Skim Milk

The price of skim milk had a significant but positive influence on the consumption of skim milk. However, the influence was very weak; a 1 percent increase in the price of skim milk results in a 0.03 percent increase in the consumption of skim milk. Again, as in the case of 1 percent milk, factors other than price must have a dominant influence over price in consumer's decisions to buy skim milk.

The prices of the other fluid milk products had a significant influence on the consumption of skim milk. However, as in the case of the other three products, a complementary relationship was indicated in which increases in the prices of those other fluid milks results in decreases in skim milk consumption.

The proportion of females had a significant, but negative, influence on the consumption of skim milk. The findings of the study indicate that as the proportion of the

females in the population increases, consumption of skim milk decreases.

Results also indicate that period of lowest skim milk consumption is the period from May through August.

The price of cola, income, and the percentage of the population under 19 did not have a strong influence on the consumption of skim milk.

Interpretation of The Results

The overall effects of price on milk consumption are not completely clear from this study. However, the effects of the prices of fluid milks on consumption were significant in all cases. Though, they did not always have the expected effect on consumption.

The greatest changes in consumption occurred in whole and 2 percent milks while consumption of 1 percent and skim milk had only a slight change.

Price indeed may be an important consideration in consumer's decisions regarding purchases of whole and 2 percent milk. The study does indicate that consumers respond logically to changes in price for these two milk products.

However, for 1 percent and skim milk, consumers react in the opposite manner than economic theory and logic would lead us to expect. Perhaps, in the case of 1 percent and skim milk consumption, consumers base their decision to purchase these products on some factor other than price (such as tastes and preferences and health considerations).

The findings of the study were consistent in that it appeared that there was no substitution among the four products based solely on changes in their relative prices. It did not appear that consumers

switched one product for another when one became relatively cheaper. Instead of being substitutes, the study suggests that they are complements.

As the prices of the other three fluid milks decrease, more of the other milk will be consumed and consumers will not switch products. This effect may be due to the inability to use actual market prices for these products in the study.

By using the minimum prices, which not only move in the same direction but proportionately, the study was not able to capture the effects of relative price changes between the fluid products. However, it is suggested that the actual market prices also exhibit this relationship.

Retail market prices are very close to the established minimum prices probably due to the intense competition in the dairy industry in Pennsylvania. Furthermore, they move pretty much in the same fashion as those minimum prices.

So, it may be that consumers experience actual market prices that do not change relative to each other.

If this were the case, Pennsylvania consumers do not have the choice to switch products based solely on relative changes in fluid milk prices. If product switching occurs, and the figures seem to indicate that it certainly did between whole and 2 percent milk, it does so due to factors other than changes in relative prices.

Other Interpretations

The price of cola and per capita income did not have a significant influence on the consumption of any of the fluid milks. Whatever the relationship between the prices of cola and fluid milk, consumers do not appear to substitute between them.

(Turn to Page A37)

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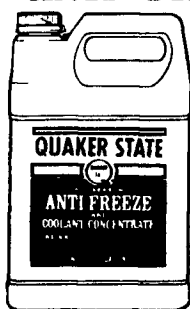
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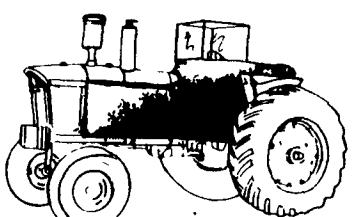


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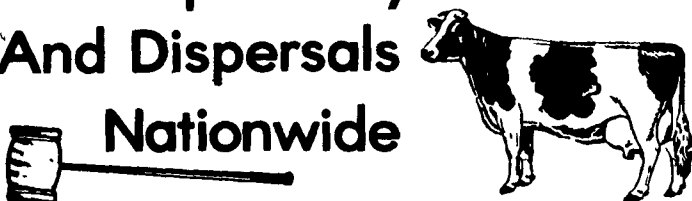
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No sale reports were available this week.

NATIONAL DAIRY COW SALE INDEX				
© 1987 Lancaster Farming Newspaper				
This sale index can help dairymen place a value on the dairy cows in their own herds. Breed organization sales and private dispersal sales reported in Lancaster Farming are included in the dollar averages.				
	Ayrshire	Brown Swiss	Guernsey	Jersey
Year to date:				
Nation	889	1101	1141	960
Pennsylvania	832	950	569	1019
Four previous weeks:				
Nation	—	—	—	—
Four previous weeks				
+/- year to date:	—	—	—	—
	Holstein	Red and White	Milking Shorthorn	
Year to date:				
Nation	2078	1825	850	
Pennsylvania	2006	2837	922	
Four previous weeks:				
Nation	1877	—	—	
Four previous weeks				
+/- year to date:	201 lower	—	—	

Ruth To Be Honored At Testimonial Dinner

BETHLEHEM — Alpheus L. Ruth, long time president of Lehigh Valley Farmers, will be honored at a testimonial dinner at the Americana Host Inn at the intersection of route 441 and I-283 in Harrisburg on Tuesday, March 3.

Members of the dairy cooperative and others will salute the dairy industry leader on the occasion of his retirement from the Lehigh board of directors after 27 years of service.

Lehigh Valley Farmers on Feb. 1 will merge with Inter-State Milk Producers to form the new Atlantic Dairy Cooperative.

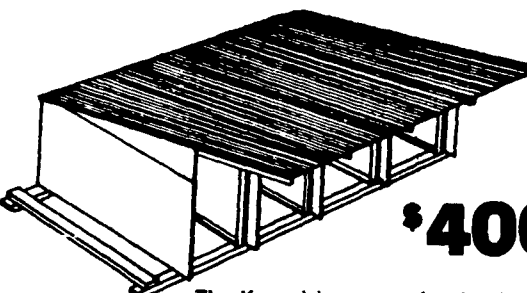
A portion of the dinner cost will be used to create a scholarship fund at Delaware Valley College of Science and Agriculture, one of Ruth's favorite causes.

Requests for invitations should be directed to William Stout, Atlantic Dairy Cooperative, P.O. Box 127, 1225 Industrial Highway,



Alpheus Ruth
Southampton, Pa. 18966, Telephone 215-322-0200.

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Atlantic Merge To Be Completed Tomorrow

SOUTHAMPTON — Tomorrow, Feb. 1, marks the beginning and end of eras in the dairy industry. The merger between Inter-State Milk Producers and Lehigh Valley Farmers will be concluded and Atlantic Dairy Cooperative will officially exist.

During February Atlantic is scheduled to return \$9 million to the joint membership from capital retain, patronage refunds and equity programs. "Basically the membership won't see much of a change," according to James Barnett, member relations manager for Inter-State. The biggest change will be the two-tier quality premium, he added, providing the membership with the opportunity to increase their milk checks.

The board of directors for Lehigh and Inter-State approved the merger plans on Oct. 22 and sent the plan to the membership for their vote. The joint membership approved the merger in November by 90 percent.

Atlantic, based in Inter-State's facilities in Southampton, will consist of 4,200 members with an annual milk marketing of 3.5 billion pounds.

The districts for both

cooperatives will remain in tact for the next three years. At that time there may be some redistricting, Barnett explained.

Robert McSparran has been elected president of Atlantic. Daniel Martin will fill the role of

first vice president and Roy Hetrick will be the second vice president of the new cooperative. Paul Hand has been elected secretary. The two boards with a total of 32 members will remain in tact for the next three years.

Ayrshire Breeders To Hold 112th Annual Meeting

BRANDON, Vt. — The New Hampshire Ayrshire Club is 'gearing up' for the 112th National Ayrshire Convention to be held in Manchester, N.H., April 22 to 25, 1987.

In addition to the annual business meeting, April 24, the Board of Directors and Committees will meet. Activities planned for the convention include tours of New Hampshire historical sites, as well as farm visits to several top New Hampshire Ayrshire herds.

The Youth will have their fourth annual quiz bowl as well as the annual outstanding ayrshire youth contest. Production awards will be presented at the youth breakfast,

honoring all Ayrshire youth, April 24.

The awards banquet will be held April 24, at 7 p.m., preceded by a social hour. One of the highlights of the evening will be the presentation of the Distinguished Service Award.

The National Semen Sale is scheduled for April 24, mid-afternoon. The National Ayrshire Sale will be held on the final day of the festivities, April 25 at the 4-H Center, New Boston, N.H. Quality Ayrshires from several states have been consigned to this annual sale.

The theme for the 1987 Convention is 'New Hampshire - Next To Heaven in '87.'



"I Had An Embarrassing Problem"

"It was something I didn't even want to talk about. But now that the problem is solved, I'll tell you. It was a terrible case of raw, cracked teats and udder. You can imagine how that made me feel, especially since I had been number one in the herd. I was miserable!

"Then the dairyman—bless his heart—treated me with Udder Butter.™ You know, the easy-spreading, long-lasting unguent from the folks at Corona. Soon my teats and udder were smooth, moist and comfortable again. That's because Udder Butter is the ointment that combines an effective antiseptic with lanolin and other fine lubricants.

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"Now I'm telling all my sisters to ask their dairyman to get Udder Butter. Whether it's the 7 ounce tube, the 28 ounce tub or the 7 pound pail, as long as it's Udder Butter, it's a container of contentment!"

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GEHMAN FEED MILL	ANIMAL HEALTH	MARTIN'S MARKET	Charlotte Hall	
		Middleport	HERTZLER PRODUCE	
		W.H. RHINEHART, INC.		

Dairy Co-Op Backs Pizza Promotion As Way To Increase Milk Use

SYRACUSE — The U.S. government has one answer to the nation's milk surplus — encourage farmers to go out of business — but there is another solution that now may be more viable, according to the head of a major East Coast dairy cooperative.

"We have the opportunity to increase consumption of dairy products," said Michael Donovan, general manager of Eastern Milk Producers Cooperative.

"It's a solution that appears more viable than ever," Donovan added, "now that a major pizza chain has approached the National Dairy Board for help in promoting extra cheese on pizza."

Just adding two ounces of mozzarella cheese to pizzas across the nation would absorb an additional 2 billion pounds of milk per year, he said. That would help reduce the surplus to below the 5-billion-pound ceiling set in the 1985 Farm Bill, he said, which would keep the Secretary of Agriculture from cutting the price paid to dairy farmers another 50 cents per hundredweight next January and save additional farmers from leaving the dairy industry.

With dairy farmers and pizza makers pooling efforts and advertising dollars, Donovan said, projections given to the dairy board show mozzarella consumption could nearly triple in just 10 years, thereby utilizing an additional 17.8 billion pounds of milk from the nation's dairy farms.

Earl Forwood, the farmer-president of Eastern's board of directors, echoed Donovan's support of a proposal that national and regional dairy promotion boards, which are funded by assessments on the milk that

farmers produce, work with pizza makers.

Forwood noted that the nearly 3,800 member farmers of Eastern have a stake in cheese production. He said a majority of the 2 billion-plus pounds of milk that the co-op handles annually supplies cheese manufacturing throughout the Northeast — including Eastern's own mozzarella plants in Waverly and Horseheads.

Donovan said the co-op "recognized the growing potential of mozzarella cheese" in the late 1970s when it decided to spend \$24 million to build the plants. "Eastern's dairy farmers staked part of their future on mozzarella cheese, and it's paying off," Donovan said. He cited the "in-

creasing popularity of Italian cheeses" among consumers.

In New York State, Donovan said, Italian cheese production jumped from 95.3 million pounds in 1975 to 260.1 million pounds in 1985. Likewise, he said, mozzarella production nearly tripled — from 56.6 million pounds in 1975 to 158 million pounds in 1985. The Eastern mozzarella plants, he explained, accounted for more than 70 million pounds of that 158-million-pound output, which placed New York third in the nation for mozzarella, and second for Italian cheeses.

Nationally, he added, mozzarella production more than doubled during those same 10 years, totaling about 1.05 billion pounds in

1985.

Donovan went on to cite the impact of just one pizza maker on the nation's milk supply.

"In 1981, this large chain of pizza restaurants decided to add 4 ounces of cheese to their pizzas," he said. "In three years, their sales grew 71 percent, and the amount of milk that had to be produced to make their cheese went from 460 million pounds to a whopping 1.3 billion pounds." That is an increase of 860 million pounds of milk, he said — "860 million pounds not in the surplus, and all because of the action of just one pizza chain."

Now the pizza chain wants to launch a nation-wide promotion to get consumers to ask for extra

cheese, Donovan said.

"Eastern is all for this," he said, "because it will not only divert more milk for cheese production for that company, but it will also put pressure on other pizza makers to use more real mozzarella cheese."

Whether national and regional dairy boards will support such a promotion remains to be seen, Donovan added, "but dairy farmers and pizza makers getting together in this way will make a good marriage."

"Everyone benefits," he said. "Consumers will buy a tasty, nutritious product, and at the same time help dairy farmers who have been hit hard with lower net prices for their raw milk."

Bill To Aid Extension Introduced

Morris said Federal funds have traditionally financed 60 percent of extension personnel and 40 percent of research personnel at the university. He said federal funds have already been cut by approximately \$11 million on an annual basis; additional federal budget cuts are anticipated in fiscal year 1987.

"The \$5 million we are seeking would finance important agriculture-related programs until the new state budget is approved this summer," Morris said.

Morris said the supplemental appropriation bill should be seen as part of a statewide effort to encourage economic development. "Agriculture is Pennsylvania's number one industry," he said. "The state's economy depends on agriculture, and agriculture depends on the research and cooperative extension programs at Penn State."

HARRISBURG — A \$5 million supplemental appropriation for agricultural research and the Cooperative Extension Service would be authorized under legislation sponsored by State Rep. Samuel Morris, D-Chester County.

Morris, chairman of the House Agriculture and Rural Affairs Committee, said the appropriation would help offset shortfalls caused by federal budget cutbacks. Legislation (H.B. 63) allocating the additional funds was introduced recently by Morris and House Minority Whip Samuel E. Hayes Jr., R-Huntingdon. The legislation has more than 40 co-sponsors.

The supplemental appropriation would go to the College of Agriculture at Pennsylvania State University, where it would be used to fund extension services and agricultural research during the remaining months of the current fiscal year.

Morris said the money sought by his legislation would finance livestock and crop research, food science and business management programs, 4-H Clubs and a variety of educational programs.

"We are seeking a modest amount of money which will provide important services to our state's leading industry," Morris said.

Morris said the supplemental appropriation bill is also intended to make the legislature more aware of the need for agricultural research and extension services. Hearings on the state's 1987-88 budget will begin in March, and Morris said funding for those services will probably be a key element of Penn State's budget request.

Milk Marketing Specialist

To Speak In Maryland

BEL AIR, Md. — Local dairymen from Harford and Cecil Counties will have an opportunity to hear the latest information concerning the dairy situation and government policy Feb. 2, 1987 at 7:30 p.m. in the Southhampton Middle School.

According to Brenda Schucker, Agricultural Extension Agent, Dr. Robert Jacobson from Ohio State University will discuss "The Dairy Situation, Outlook and Policy" with particular emphasis on the supply management issue.

Schucker noted that Jacobson is recognized as an authority in the area of milk marketing and has been a speaker at milk marketing seminars across the country.

A panel discussion will follow Jacobson's address and further investigate the issue of supply management. Panel members will include Dr. Jack Wysong, from the University of Maryland, and a representative of Dairymen, Inc., Interstate Milk Producers and Maryland-Virginia Milk Producers.

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Mount Joy Cooperative Posts Successful Year

MOUNT JOY — The Mount Joy Farmers Cooperative Association recently posted a prosperous fiscal year.

In presenting the cooperative's financial statement, Marlin Benedict highlighted several factors contributing to the group's success. In its fiscal year ending Oct. 31, the co-op recorded a net savings of \$286,976, the accountant from Simon Lever and Company explained.

Benedict noted the co-op marketed over 90 million pounds of milk, an increase of 5.6 percent over 1985.

Operating expenses increased by 2.24 percent for the dairy group. However, this increase was offset in full by other income gains, Benedict stated. While total operating costs increased, the cost per hundredweight of milk decreased from 63 cents in 1985 to 61 cents in 1986 due to the increased amount of milk marketed.

The total income from milk sales did not increase proportionally due to the decreased average price per hundredweight. In 1985 the price per hundredweight stood at \$13.27. In 1986 the price dropped to \$12.73, Benedict said.

He announced a new 10-year agreement, beginning in March, with Atlantic Processing Inc. to market the co-op's milk. Mount Joy projects a savings of \$18,000 for next year due to three new truck leases which are substantially less than the old leases.

"We continue to enjoy a good financial base on which to operate," co-op president Roy Alger said. "We've been invited to join the new Atlantic cooperative," he continued. "However, the board didn't feel it was the right time."

Alger welcomed the input from the general membership on a possible merger. He added his feeling that the cooperative can still continue functioning independently as it has in the past.

The board of directors decided to



Donald Risser (left), vice president of Mount Joy, extends his thanks to retiring board member Ivan Hanson for his service to the cooperative.

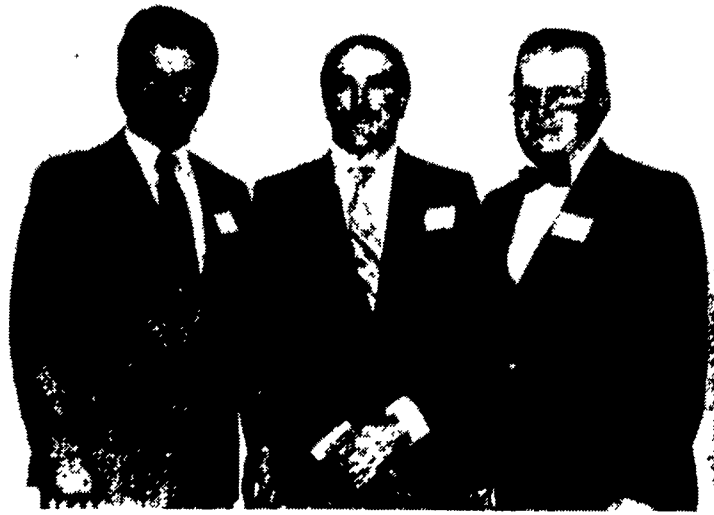
support and join the Regional Cooperative Marketing Agency, Alger said.

Ivan Hanson, retiring board member, was recognized for his contributions to the cooperative.

Paul Hostetter, general manager, honored the highest 10 producers in the cooperative.

Kenneth Zurin shipped 4.5 million pounds of milk to top the list. Rounding out the top ten were: Randy Stoltzfus, 2.9 million pounds; Risser Brother, 2.7 million; Robert Greider, 2.1 million pounds; and Joe Wivell, 1.9 million pounds.

Also, Harold Drager and Sons, 1.8 million pounds; Elmer Myers,



Newly elected directors for the Mount Joy Farmers Cooperative include David Landis (left), Joseph Wivell and Kenneth Miller.

1.69 million pounds; Floyd and Barry Kreider, 1.68 million pounds; Richard Groff, 1.65 million pounds; and Paul and Elvin Kreider, 1.6 million pounds.

The following members were cited for meeting the honor roll standards: Abraham Shelly Jr., Amos Conley, Ira Heistand, Lavern Rutt, Harvey Weiler, Albert Fry, Robert Shelly, Ken

Balmer, Glenn Shelly, Clair Nolt, Clair Miller, Clair Hollinger, Alwine Farms, H.E. Garber and Sons, David Dum, Harold and Ken Brubaker, Lester Hursh, Carmany, Swope, Em-Tran Inc. and Richard Hess.

Directors elected to three-year terms were David Landis, Joe Wivell and Kenneth Miller.

Law Seminar Scheduled For Farmers

CARLISLE — A seminar for attorneys, growers, farmers, farm managers and farm employees and other professionals active in agricultural production will be held at The Dickinson School of Law on March 30 and 31, 1987.

The two-day seminar, Agricultural Labor Management Developments 1987, offers instruction in law and regulations that apply to farm labor and farm management as well as personnel or human resource management guidelines for growers, farmers, supervisors and managers.

Class sessions will focus on the Immigration Reform and Control Act of 1986, "right-to-know" legislation and pesticides, labor-management relations, immigration reform, employer responsibilities, role of state government in farm labor, effective personnel management practices, and dispute resolution techniques. Congressman William F. Goodling will deliver the keynote address.

The seminar is sponsored by The Dickinson School of Law in cooperation with Adams County

Fruit Growers' Association, the Agricultural Law Committee of the Pennsylvania Bar Association, the Alternative Dispute Resolution Committee of the Pennsylvania Bar Association, Friends of Farm Workers, Inc., Pennsylvania Cooperative Extension Service,

Pennsylvania Farmers' Association and Pennsylvania Farmworker Opportunities.

For registration information call the Advanced Legal Education Office of Continuing Legal Education at Dickinson at (717) 243-5529.

Milk Production Continues Drop

HARRISBURG — Milk production in Pennsylvania during December 1986 totaled 840 million pounds, or 3 percent below last December's production according to the Pennsylvania Agricultural Statistics Service.

The number of milk cows in the Commonwealth during December averaged 730,000 head — 5,000 less than November and 17,000 less than the previous December. Milk production per cow averaged 1,150

pounds in December, up 30 pounds from November but down five pounds from the previous December.

Grain and other concentrates fed to milk cows in Pennsylvania on January 1, 1987 averaged 15.5 pounds per cow per day, the same as last year. The value of grain and other concentrates fed to milk cows on Jan. 1 averaged \$7.35 per hundredweight, down 50 cents from the previous year.

Grain Marketing

Worksheet

Available

A farm program worksheet for Eastern Shore grain growers developed by Carl German, University of Delaware extension crops marketing specialist, is now available from county extension offices.

The worksheet will help grain farmers determine their gross income from participation in the feed grain program and the paid land diversion.

A table with specific figures for all local grain crops is also included. Signup for these farm programs ends March 30.

To obtain this worksheet, contact your local extension office at Newark (451-2506), Dover (697-4000) or Georgetown (856-7303).



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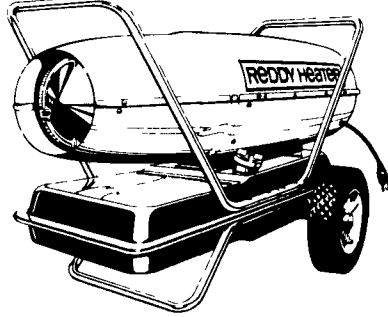
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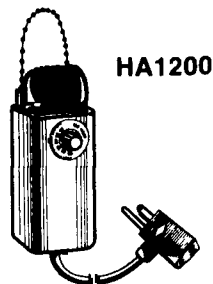
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Pa. Milk Consumption Study

(Continued from Page A33)

It seems to be that decisions are made either to purchase cola or a fluid milk without regard to the price of either beverage.

The lack of influence of income on fluid milk consumption suggests that fluid milk may have become a staple in the diet which is purchased regardless of the level of income. Increases in the level of income don't appear to cause consumers to purchase more fluid milk. It also appears that income

doesn't affect the type of fluid milk purchased.

The demographic variables, on the whole, did not appear to have a strong influence on fluid milk consumption.

The exception is for the effects of the proportion of females on 2 percent, 1 percent, and skim milk consumption.

It appears that women prefer 1 percent milk when they choose a fluid milk beverage. However, it also appears that they are not

consumers of fluid beverages, even 1 percent milk, in large quantities.

This may be a good target group for advertisers since there is much to gain from this group in increasing overall fluid milk consumption in addition to women's greater need for calcium.

Overall, the study suggests that the price of the product is a somewhat important factor in consumers' purchases of fluid milk products in Pennsylvania. However, it suggests that there are some strong factors which are not

price, income or demographically related which affect the consumption of fluid milk beverages.

The most prominent of these are the probable changing tastes and preferences of consumers, the concern with health, and the avoidance of fat in the diet. These, coupled with the many alternative beverage products which consumers have the opportunity to purchase may have become very important factors in the consumers' decisions to purchase fluid milk products.

Limitations Of The Study

There are some limitations on this study. The study used market averages and sometimes with aggregation (using averages) some factors that do have a strong influence on consumption get watered down or averaged enough so they appear not to have an important influence on consumption. The inability to use market prices for 2 percent, 1 percent, and skim milk and the fact that there was such a small range in all prices used were also limitations in the study.

However, the study was an important first step in the analysis of factors affecting consumption of fluid milk products in Pennsylvania. It did determine those factors which influence milk consumption on a broad, market-wide basis. This should provide useful information to policy-makers who set minimum resale prices in Pennsylvania and who are interested in the market-wide effects.

A follow-up study is desirable, however, to avoid some of the limitations of this study.

A study at the household level would be able to pinpoint with more accuracy the effects that fluid milk prices, income, prices of substitute products, and demographic variables have on fluid milk consumption.

Other studies could address the issues of changing tastes and preferences. The health considerations which are so prevalent in consumers' food purchase decisions today, and the effect that the increasing number of meals consumed away from home have on fluid milk consumption.

Harford Extension Winter Meetings Slated

BEL AIR, Md. — Agriculture extension agents, Brenda Schucker and Reg Traband, recently announced on the four Tuesday evenings in February the Harford Extension Office will hold their 1987 Farm Winter Meetings.

This year the Tuesday evening sessions will be held beginning at 7:30 in the extension meeting room at the County Administrative Services Building, 220 S. Main St., Bel Air, MD.

The first session on Feb. 3 will include a general look at the National agricultural policy and economic outlook for agriculture. There will follow a discussion of government agricultural programs by a representative of ASCS. The final speaker that evening will give perspective and a feed broker's view of grain marketing.

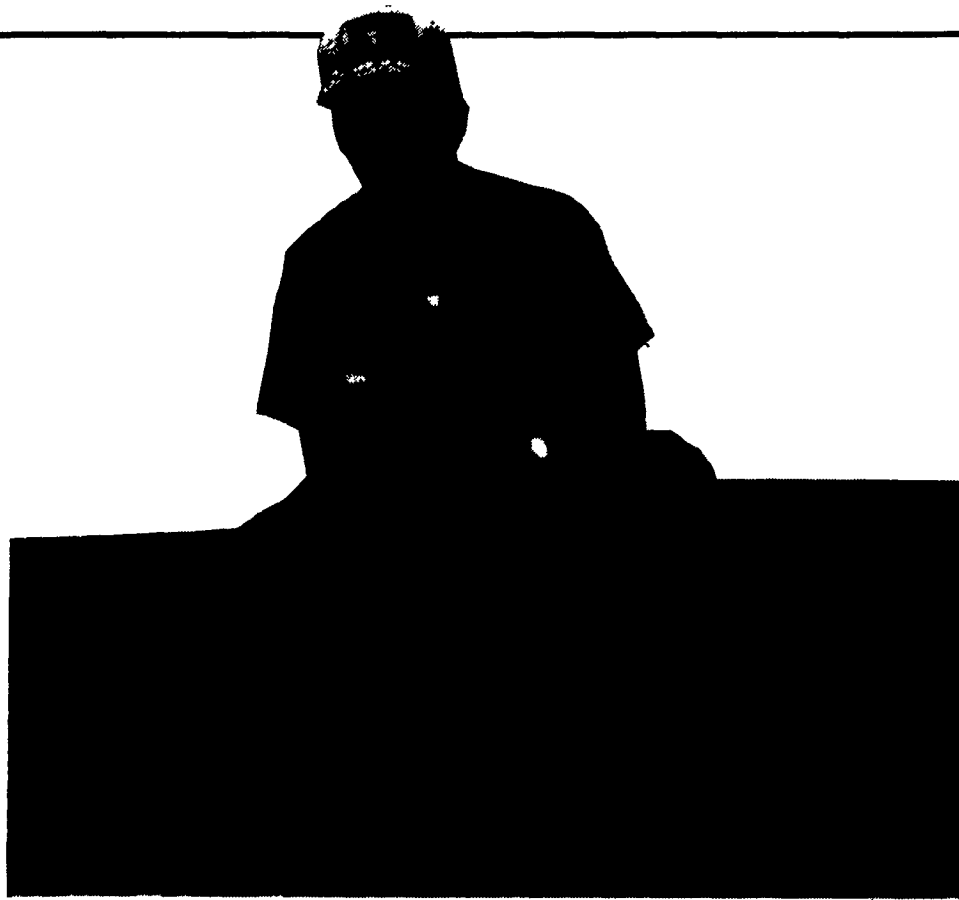
Feb. 10 will be dairy night. The program will include mastitis management and evaluation of DHI records for dairy farmers. This will be followed by a videotape on best-management practices for dairy farmers and a personal testimony by a local dairyman on his experiences in managing mastitis.

Crop management will be the center of discussion on Feb. 17. That evening there will be a discussion of what's new in field crop weed control and techniques for obtaining maximum yields from alfalfa.

The final evening of the four sessions on Feb. 24 will be devoted to beef marketing and obtaining optimum value from small grain forages.

In case of inclement weather, agents noted, the meetings will be held unless travel conditions are so severe that travel is nearly impossible. If there are questions about these meetings being held call the local Extension Office during the afternoon on any Tuesday in February. The phone number is 838-6000, Ext. 255.

Cimarron Alfalfa Proven Performance



Near Mullica Hill, in the southern part of New Jersey, one finds acre after acre of green alfalfa fields. It is a feast for the eyes of a dairyman and truly a feast for the herd at Wellcrest Farm. Owner, Virgil W. Eachus, can be found in one of these fields often, during the summer and fall, harvesting a cutting of the Cimarron alfalfa that flourishes here.

"We had very dry springs in 1985 and 1986, but the stands of Cimarron we got were unbelievable," Virgil says. "Seedling vigor on Cimarron is something else - It jumps right out of the ground - It just never stops."

More than three hundred head of Wellcrest cattle consume a big part of his 250 alfalfa acres as haylage. The rest is sold as cash crop hay - about ten thousand bales last year. That's why growing the best alfalfa crop he can grow is so important to Virgil and his family.

"The first year I planted it, we put Cimarron and WL313, half and half, in the same field. The Cimarron is better - It's leafier and it's yielding better than the WL varieties we used to plant," says Virgil. "I've been planting alfalfa for thirty years and I've never seen anything like this."

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Serving on the beef checkoff panel at Tuesday's Cattle Feeders Day were (left) Eugene Wingert, representing the pork industry, and Millie Bunting and Robert Coleman of the Pennsylvania Beef Council. Dr. Bill Henning moderated.

Cattle Feeders Day

(Continued from Page A1)

Discussion by officials of the Pennsylvania Beef Council, the group responsible for collecting checkoff funds and coordinating the promotion program at the state level. Panelists included PBC's executive director Robert Coleman, secretary-treasurer Millie Bunting and Eugene Wingert of the National Pork Producers Council, who update the group on a parallel program being run by the nation's pork industry. Moderating the panel was Penn State Extension meats specialist Bill Henning.

Here in Pennsylvania, 50 cents on the checkoff dollar goes to the national board to help underwrite nationwide promotion such as the television ads featuring Shepherd and Garner. The other half of the dollar is being channeled into a state promotion program created by a committee chaired by McKnightstown Charolais breeder Ray Grimes. Committee members include Robert Coleman; Ella Roush of Moyer Packing Company; Lowell Wilson, Penn State professor of Animal Science; Joan Liesau, coordinator of the State Department of Agriculture's Meat Marketing Program; and 1986 Cattlemen's Queen Rebecca Painter.

Coleman reported that checkoff receipts totaled \$93,000 for October and slightly less than that for November.

A referendum will be held within two years of the program's Oct. 1, 1986 startup date to determine whether or not the program will continue. Until that time cattlemen may request a refund of checkoff dollars, but Coleman reported that acceptance of the program has been heartening, with only about 5 percent of the contributors requesting refunds. Veal producers make up about 90 percent of this 5-percent group, he said. Fifteen percent of all checkoff receipts are being held in escrow to cover the refunds, the executive director pointed out.

According to PBC's Millie Bunting, the promotion program is based on a projected budget of \$360,000 for Feb. 1 to Dec. 31, 1987. Bunting said the program will include the following components:

•**Promotion-Advertising** - Includes in-store promotion at point of purchase, \$71,000; billboard advertising, \$22,000; Pa. Meat Marketing Program, \$3,500; radio advertising, \$5,000; state beef queen-princess program, \$13,000.

•**Consumer Information** - Includes state beef cook-off program, \$3,920; veal cookoff, \$1,500 (a veal queen program may also be instituted); beef and veal publications, \$11,000; consumer and producer-oriented exhibits, \$3,400.

•**Education** - Pa. Beef Council coloring book, 10,000 copies, \$4,300; other primary and secondary education materials to be initially distributed to 2,500 school districts, \$2,800.

• **Communication/Information** - Producer and consumer-oriented newsletters, \$18,400; news releases, \$1,250; radio hotline, \$3,000.

According to Coleman, research indicates that promotional efforts must target the 25-to-45 age group to obtain best results.

"If we increase demand, we'll increase the price you get for your

product," Bunting summed up.

But regardless of how well the promotion program goes, cattle feeders will need to know how to produce the best quality beef at the least cost, beef experts told cattlemen on Tuesday. The day's featured speaker was Iowa State Extension beef specialist Dr. Dan Loy, who reviewed some of the university's recent research findings concerning protein requirements and outlined a feedlot monitoring program.

"I think most of us feed too little protein early and too much later on," Loy told cattlemen, urging them to invest in supplemental protein only when it's needed. The lighter the calf, the higher its protein requirements are, Loy pointed out. In fact, research has shown that at 900 pounds, cattle don't require protein supplements.

For medium-frame cattle between 500 and 700 pounds on a corn silage ration, Loy recommends an all-natural supplement. At weights between 700 and 900 pounds, Loy urged cattlemen to cut costs by feeding a high urea supplement. When cattle reach 900 pounds, "In many cases we don't need a supplemental program," the beef specialist said. "I think we can certainly feed less than a pound a day," Loy said, reminding producers not to reduce vitamin and mineral supplements.

Loy also encouraged producers

to monitor feedlot progress closely. Start by obtaining accurate beginning weights on your cattle, he said, and be sure to weigh feed. A good feed scales is one of the cattle feeder's most important investments, he said.

Other important data to have at your fingertips includes the moisture content and cost of feedstuffs, as well as nonfeed costs, such as medical expenses and interest. Feed intake and average daily gain should be monitored weekly, said the specialist.

Also included in the day's program were Penn State Extension veterinarian Dr. Tom Drake and Extension meats specialist Dr. Bill Henning. Drake emphasized preventive health care and outlined the components of a successful feeder calf receiving program.

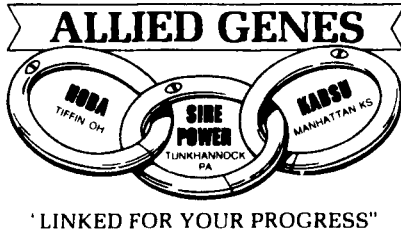
Henning presented an industry overview and predicted a good year for cattlemen in 1987. Compared to a year ago, he said, the number of cattle on feed is down 5 percent and placements are at 91 percent. At the same time, marketings are running 3 percent ahead of last year. With cow numbers on the slide, feeder cattle prices should remain strong, he said.

"We're really trying to focus on what the consumer wants," Henning said, pointing to the



Dr. Dan Loy

checkoff program and the industry's recent effort to redescribe the beef grading system as examples. "I think we're going to have a real profitable year in 1987," he concluded.



HOLSTEIN HEADLINERS

— JANUARY 1987 PROOFS —

CODE	NAME	FAT					PROTEIN				HFA		
		PDS	MILK	%	LBS.	RPT	%	LBS.	\$	RPT.	PDT	RPT	TPI
1H406	Thonyma SECRET	+\$174	+1560	-01	+54	69%	+05	+58	+\$183	69%	+024	70%	+796
9H719	Whittier-Farms NED BOY	+\$154	+1088	+10	+57	79%	+04	+41	+\$160	79%	+212	78%	+855
9H1101	Modik Valiant COUNT-ET	+\$153	+1351	+00	+48	59%	-03	+38	+\$147	30%	+133	66%	+742
9H771	LJC Richdale PEBBLE	+\$143	+925	+12	+56	74%	-03	+24	+\$137	74%	-025	74%	+591
9H599	Sunny-Craft Chief SPIRIT	+\$139	+1072	+06	+49	99%	-07	+21	+\$125	99%	+078	99%	+618
9H816	Plushanski RAIDER-OC-ET	+\$135	+1109	+03	+45	81%	+02	+39	+\$138	80%	-035	66%	+614
1H363	Pearmont MARVELUS	+\$132	+1217	-02	+40	62%	-02	+34	+\$127	61%	+023	60%	+607
*9H821	MD-Carrollton Star PEPPER 2	+\$129	+1247	-04	+37	58%	-08	+24	+\$111	58%	+023	67%	+541
9H625	Fivebrooks STARFIRE	+\$127	+1277	-06	+35	95%	-11	+20	+\$104	94%	-033	87%	+471
*1H517	Park-Diamond Tradition ROD	+\$122	+1091	-01	+38	49%	-03	+29	+\$115	49%	+154	55%	+666
1H331	Burley REDCAP	+\$120	+1181	-05	+34	73%	-02	+34	+\$116	71%	+016	67%	+575
9H779	Vigo Valiant ELVAN	+\$119	+1290	-09	+30	74%	-02	+37	+\$114	74%	+123	75%	+650
9H758	Brooks-Twain Valiant SAMMY-ET	+\$118	+1043	+00	+37	86%	+02	+36	+\$121	86%	+112	84%	+668
9H780	Brooks-Twain Nugget SATAN	+\$116	+516	+19	+53	73%	+03	+21	+\$121	72%	+070	71%	+630
1H238	Thonyma ELECTRA	+\$115	+1401	-14	+24	99%	-06	+32	+\$101	99%	+140	99%	+609
1H385	Knolltop Reckers ACE	+\$115	+861	+06	+41	99%	-05	+18	+\$104	99%	+119	99%	+596
*9H842	Marvo MAVERIC-Twin	+\$113	+827	+06	+41	66%	+01	+28	+\$115	66%	+099	57%	+634
9H787	Vigo Starlite ELVATE	+\$112	+929	+02	+37	99%	-06	+17	+\$98	98%	+083	97%	+547
9H692	POTTS Southern Man-Twin	+\$111	+1204	-08	+28	76%	-02	+35	+\$107	75%	+122	71%	+630
9H754	Potts MAGIC	+\$108	+1091	-05	+30	76%	-02	+30	+\$103	76%	+066	75%	+572
16H137	Thonyma VAGABOND	+\$108	+1171	-08	+27	83%	-03	+32	+\$102	83%	+083	84%	+582
9H711	Coldsprings JOURNAL-ET	+\$105	+680	+09	+41	72%	-02	+18	+\$101	70%	-023	68%	+495
1H506	Forsberg GOLDEN OAK	+\$104	+760	+06	+38	77%	-03	+18	+\$97	77%	+166	71%	+616
9H815	Wentland Bell ROCKY-ET	+\$104	+1166	-09	+25	78%	-07	+24	+\$89	78%	+156	81%	+583
9H766	Veemens Chief Pete ECHO	+\$104	+1265	-13	+22	68%	-10	+21	+\$83	68%	+101	69%	+514
16H112	Allegen Conductor DAN	+\$103	+451	+17	+47	92%	+01	+17	+\$106	91%	+064	84%	+578
9H584	Cal-Clark Board CHAIRMAN	+\$102	+1039	-05	+28	99%	+01	+34	+\$103	99%	+191	99%	+674
*9H832	Pond-Oak PAPPY-ET	+\$101	+574	+12	+42	62%	+07	+31	+\$115	62%	+114	72%	+665
1H313	Sir Cal-Clark NITE TRAIN-ET	+\$100	+370	+20	+48	81%	-02	+8	+\$96	80%	+129	66%	+582
1H414	TESK-Holm Valiant Rockie	+\$99	+1079	-07	+25	68%	+00	+34	+\$99	67%	+190	70%	+660

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The Ephrata Area Young Farmers Association elected new officers during their monthly meeting Jan. 20. They will be installed at the organization's annual banquet scheduled for Feb. 7. The officers are, from left, Francis Uhland, president elect; Mike Pfautz, president; Tim Pfautz, secretary; Kevin Smoker, public relations director; and Gerald Martin, treasurer.

Turkey Production Expected To Increase In 1987

HARRISBURG — Pennsylvania turkey producers raised a record 7.8 million turkeys in 1986, up nearly 10 percent from the 7.1 million raised in 1985. The Commonwealth producers intend to raise a record 9.1 million turkeys in 1987, a 17 percent increase over the 1986 estimated production.

Turkey producers in the 20 major states intend to raise 222 million turkeys in 1987, up 11 percent from the 200 million raised in 1986.

SHORT NOTICE PUBLIC AUCTION FRIDAY, FEB. 6, 1987

AT 11:00 A.M.

WELCON CONNECTOR COMPANY

Exit 15 off I 83 between Hbg. & York. Due to relocation & consolidation the following will be sold:

MACHINERY

Van Dorn 200 Ton Injection Molding Press Model 200514, 2 Van Dorn 125 Ton Injection Molding Presses Model 12558, Minster 22 Ton Punch Press Model B-1-22, Whitlock Dryer Model 202, Thorenson McCosh Temp Unit Model D25T, Bridgeport Milling Machine, 3 Boyar-Shultz Surface Grinders, Frohring Mini Injector Model 70VC95, Perkins 20 Ton Stamping Press, Excello XLM Turret Milling Machine, Benchmark 5 Ton Press, Perkins 28 Ton Press, Several Other 5 Ton Presses, Wire Machines & Reelers, Dust Collectors, Pathfinder Units, Unibelt Conveyor Systems, Polymer Grinder, Temp Controls, Rockwell Drill Press, Many Other Parts & Misc. Items!

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NOTE: Inspection Thurs. Feb. 5, 1987 9 AM - 4 PM. Removal by Feb. 8, 1987. NO OUT OF STATE CHECKS WITHOUT LETTER OF GUARANTEE FROM ISSUING BANK. Auction Indoors. If Roads Impassible Due to Bad Weather. Auction Will Be Saturday February 7, 1987.

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Silo: 24'x80' - Rib Store (leased)

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TERMS: 10% Down day of sale, balance due in 45 days.

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Beneficial Molds Wage War Against Soil-Borne Plant Disease

WASHINGTON — A new crop-protecting technology which relies on beneficial molds taken from the soil to kill other molds that cause diseases in farm and garden crops is emerging from the laboratory.

Scientists ferment the good molds so they multiply and put them in powders, sprays or pellets. They are then returned to the soil to attack the disease molds that jeopardize harvests.

Emerging after years of research, this technology amounts to a "soil war" against crop losses.

Crops succumb to some 50 kinds of soil molds and a few types of bacteria, says U.S. Department of Agriculture plant pathologist George Papavizas. About \$4 billion worth of crops a year are lost, never making it to harvest.

Papavizas and colleagues in USDA's Agricultural Research Service have been identifying bacterial molds to help reduce such losses. Also, they have been developing the fermenting and packaging technology to get the molds back into the soil — enough of them so the molds can wage a successful soil war.

How would the war be fought in the future? A farmer or gardener would select a good mold to attack a specific fungal disease of crops. A company would package and sell the mold, for example, in nontoxic pellets.

"Safe, nonpolluting disease control sometimes lasts for several seasons," Papavizas says of greenhouse and field tests run at the Soilborne Diseases Laboratory at the Beltsville, Md., research center. Laboratory researchers have been at the forefront for nearly 20 years in finding environmentally safe organisms instead of depending only on agricultural chemicals to control disease.

According to Papavizas, the laboratory's soil war technology has prompted commercial interest

by drug and other industries that use vats for fermentation — similar to the process the laboratory uses to grow the good molds.

Laboratory findings to date include:

- Powdered beneficial molds, *Trichoderma* and *Gliocladium*, reduced disease on potato plants for two consecutive years. Only in the first year were molds applied to test plots.

- A patented strain of *Trichoderma* called T-1-R9 lowered disease damage on greenhouse crops of chrysanthemums and carnations by 50 to 60 percent and on potato crops by 10 to 20 percent.

- *Sporidesmium* mold, used in different delivery systems, is effective against disease-causing molds on onions, lettuce and numerous other vegetables, livestock foraging plants, and oil seed crops. This patented mold persists for years as it invades and destroys dormant forms of several harmful fungi.

- A pelletized mold, *Talaromyces* has controlled a serious wilt disease on potatoes since 1984. The mold's population has grown by 10-fold in the soil. With no pellets added in 1985, 14 percent fewer potato plants had disease.

- A *Talaromyces* powder added to pots of eggplants, a crop often started in greenhouses, reduced *Verticillium* wilt disease by 75 percent.

- *Gliocladium*, added to potting soil as a fresh culture or in granular form, controlled two molds that cause 10 percent disease losses in bedding plant crops.

- A combination of *Trichoderma* powder and a chemical fungicide helped bean and pea varieties survive molds that destroy up to 20 percent of these crops yearly. Bean yields jumped to 60 percent and peas 50 percent.

Public Auction Register

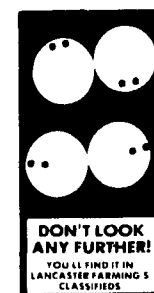
FEBRUARY

FRI. FEB. 6 - Interstate Milk Producers Sale at Solanco Fair Bldg. J. Everett Kreider, Bucher & Heaps, Auctioneers.

FRI. FEB. 6 - 10AM New Holland Sales Stables Special Mule Sale. 1 Load of Good, Big, Young Mules. Consigned by Norman Kolb

FRI. FEB. 6 - 11AM Machinery, Office & Shop Eq. at Welcon Connector Co., Exit 15 off I-83 between Hbg. & York. For: Wells Electronics Co. Kerry Pae Auctioneers.

FRI. FEB. 6 - 11AM Short Notice Dairy Cattle Sale of 45 Head. Penns Valley Livestock Auction, Centre Hall, PA. By: Benjamin Novak for the Estate of Carolyn Green, FmHA, Roger Green.



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9:15-10:00 Grower-Finisher Unit Problems

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Cornell University

10:00-10:45 "Are You Tired of Coughing With Your Pigs?" Dr. Dan Meyer, Penn State University

10:45-11:00 Break

11:00-11:45 Lice and Mange A Problem of the Past - Ivomec®

11:45-12:15 Strep Suis II and Alpha Strep - A New Health Problem?

Dr. Timothy P. Trayer

12:15- 1:30 Lunch

1:30- 2:15 Grower-Finisher Solutions

Dr. Barbara Straw

2:15- 3:00 Analysis of Unit Problems

Dr. Dan Myer

3:00- 3:30 Records and What They Show. Mr. Mike Miller, Penn State University

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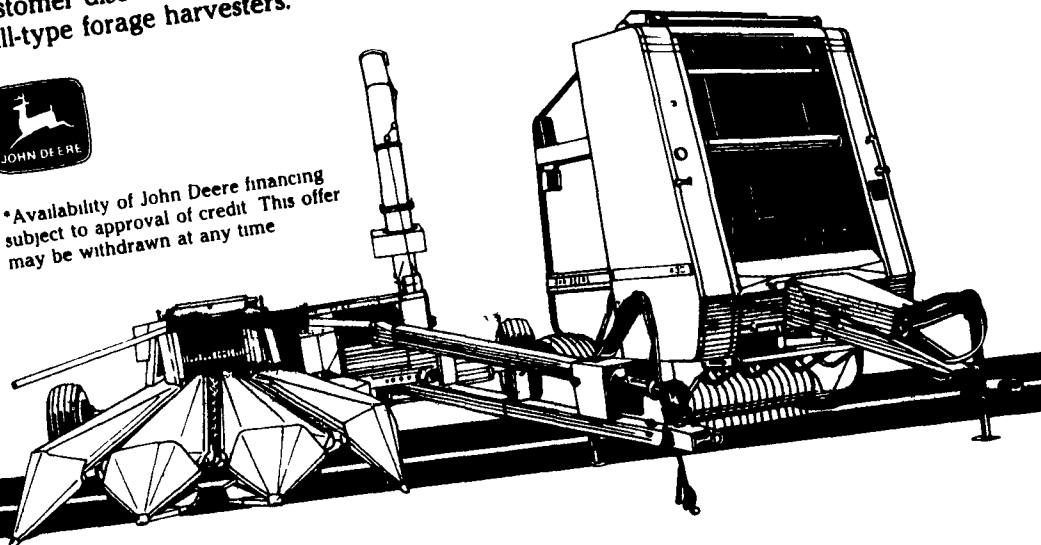
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Carolyn Thomas Lavishes Attention On Hogs, Reaps Rewards

BY JOYCE BUPP

York Co. Correspondent

STEWARTSTOWN — Carolyn Thomas has a philosophy about pigs.

"A pig is a lot like a dog," she observes. "I guess they just like attention."

This Stewartstown farm woman should know. She has worked with pigs for many years and currently handles the bulk of the day-to-day chores for about 150 hogs, including 26 sows and three boars.

Carolyn and her husband, Charlie, maintain a herd of purebred Hampshires and a few Durocs, plus feed out market hogs on the former Sechrist Auction farm they acquired nine years ago. Although the barn was set up for limited hog production, the Thomas' have remodeled and expanded to accommodate their present hog numbers.

For the last several years, the couple has taken to the local show circuit in both breeding and market classes. The wrapup of the recent Farm Show Hampshire competition marked a high point for Carolyn in her hog-exhibiting career as one of her February gilts claimed the grand champion ribbons over a lineup of contenders.

The champion, Bam Kaw-Li-Ga 4-4, was one of five of the Thomas' homebreds in the Farm Show's Hampshire February gilt class. In addition to the first place win, Carolyn took the fourth through seventh places out of ten, two of those with substitutions for her original March class entries. She also claimed the third award in the January age category.

In the followup Farm Show hog sale, Carolyn's champion gilt brought spirited bidding. Holding out to the end for a price of \$1,025, was buyer William Hilty of Mt. Pleasant.

"And we went with no intentions of even getting fourth," chuckles this pleased Hampshire hog enthusiast.

The fancy black hogs with the broad whitish-pink stripe around

their middles reign for a reason on the Thomas farm.

"Hamps usually top the carcass classes," confirms Carolyn, citing several examples. "They're a better meat-type hog."

But the Thomas' didn't originally start with Hampshires. Their beginning batch of gilts were saved from the first group of feeder pigs and were a "mix of everything," from Landrace to Spots to Polands. A Hamp boar brought in proved to be a non-breeder, and was replaced with a Berkshire.

"We had baby pigs of all colors," Carolyn remembers.

Foundation stock for some of the present bloodlines trace back to two Hamp purebred gilts and a boar from a Maryland breeder, and a bred gilt Charlie bought at a Farm Show sale for Carolyn's birthday. Two Duroc gilts and a Duroc boar vary the hog pen "color scheme" and add to crossbreeding options for market pigs.

Already, Carolyn is looking ahead to the fall shows with pure and crossbred litters for market classes from farrowings over the next two months. She's been especially successful in carcass class competition.

At the 1986 Keystone International Livestock Exposition at Harrisburg, her Hampshire barrow topped the heavyweight class. In the carcass judging that followed, it placed third over all breeds, from a total of 247 entries. Loin eye of that third-place overall winner was 6.3 inches, second only to the 7.4 loin eye scored by the carcass champion. With a length of 31.5 inches, the back fat of .8, the carcass on the rail totaled 92.91 pounds, and acceptability of 58.07 percent of the slaughter weight.

York Fair usually brings more awards for Thomas hogs, including at least one carcass class champion in past years. During the 1986 York contest, entrants judged the carcass class. Carolyn claimed second honors in judging, while her Hamp entry scored sixth on foot

and fourth on the rail.

Both Carolyn and Charlie are becoming accomplished judges, and Carolyn has topped heavy national competition in type judging. A first-place finish in ringside show and carcass judging at KILE earned Charlie a \$50 prize a few years ago.

Some of the Thomas' success with hogs begins, according to Carolyn, in the living room of their comfortable farm home. There, Charlie studies hog industry publications, trends, and bloodlines, and plans most of the crosses before he and Carolyn hand breed their sows.

"Make sure Charlie gets some credit for this," insists Carolyn of her husband who is employed full time by AMP, Inc. "He really wants me to do this."

Farrowing season is hectic, but enjoyable for Carolyn, who says that she really looks forward to seeing what each litter of piglets looks like.

Near their due date, sows are moved into the Thomas' unique farrowing house. The hexagon-shaped building originated as a package unit from a Nebraska firm and had been converted for a veal calf use when Carolyn and Charlie purchased the farm. They insulated and remodeled it into a six-unit farrowing facility. Each unit is a pie-wedge shape, with individual waterers, safety rails, and a heat unit and creep feeder



Carolyn Thomas and her husband, Charlie, put the finishing touches on their Farm Show champion Hampshire gilt, homebred Bam Ka-Li-Ga 4-4.



Her flock of 100 heavy layers keeps Carolyn and friends well supplied with brown eggs.

with pallet trough at the center to supply all six pens. Because the watering units have shallow drinking bowls, baby pigs find water and learn to drink it when they are just hours old, a definite advantage to their well-being. Carolyn is convinced.

Between farrowing seasons, the pens are scrubbed down and disinfected, part of the Thomas' strict adherence to sanitation measures to hold down exposure of their breeding stock to disease.

Baby pigs are started on a Master Mix pallet, but only when they're ready for solid feed.

"I don't even put feed there for them for three weeks," Carolyn explains. "When they're ready to eat, I want them to have fresh feed, not feed with dust and dirt in it."

Occasionally, a litter may include a weak or extra small pig which gets hand-feeding attention from Carolyn. For that purpose, a special supplement she calls "chocolate milk" is kept on hand.

Calling a teaspoon a "must" in the farrowing house, Carolyn takes tiny portions of the booster liquid or strips of milk from the sow and spoons it into a newborn's mouth. Using her little finger, she teaches

the piglets to suck and swallow the fluid, and continues to feed them in that manner until they are able to drink from a shallow can.

Of course, a hand-raised pig can form a special attachment to its source of sustenance. One 200-pound hog thus saved still shows affection for Carolyn when she comes in the pen by rubbing at her leg.

"But you can't give 150 pigs individual attention," she grins.

Sows with questionable temperament are weeded out of the Thomas' herd in a hurry, since Carolyn does most of the day-to-day caring for them. Even the most trustworthy, however, may sometimes turn on a caregiver when baby pigs come into the picture.

Carolyn still carries marks on her leg where a testy mother bit her repeatedly one day last year. Fortunately, she was wearing several layers of clothing, which the sow's sharp teeth were mostly unable to penetrate. But the biting attack left large bruises for many weeks; and, one sow which could never again be trusted went out the road.

(Turn to Page B4)

Homestead Notes

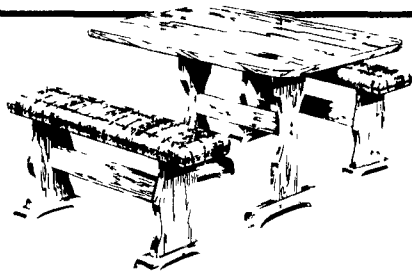


Carolyn is well-pleased with the success of their insulated, hexagon-styled farrowing unit. The six, wedge-shaped individual pens feature automatic waterers, safety rails and creep-feeding for pigs.

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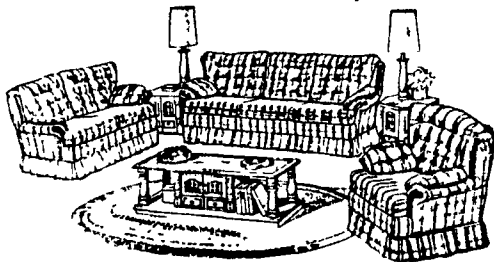
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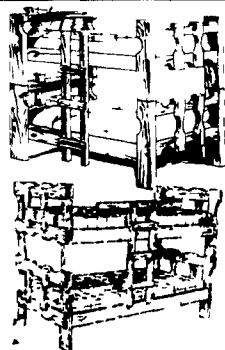
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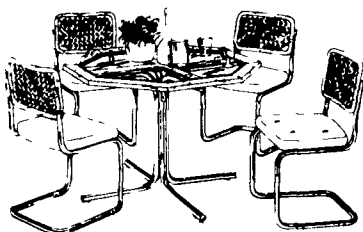
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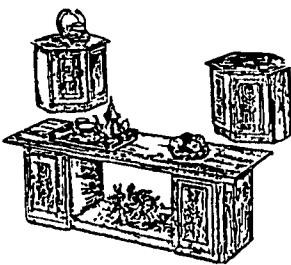
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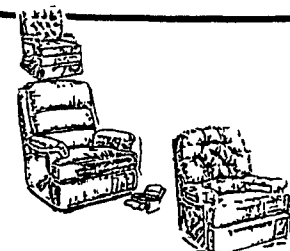


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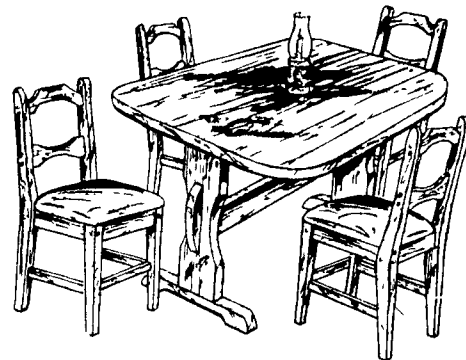


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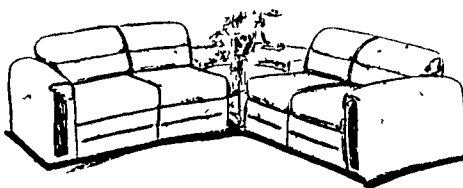
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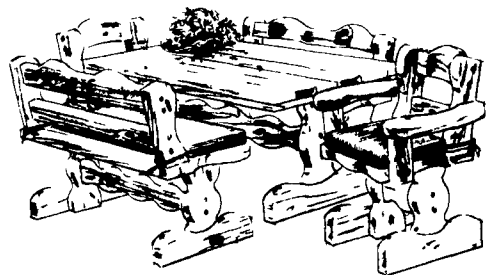
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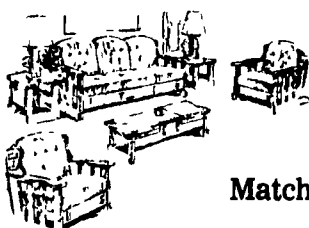


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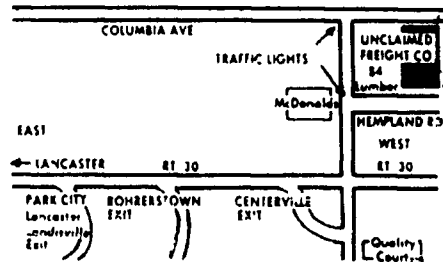
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Carolyn Thomas

(Continued from Page B2)

When a litter of pigs is large and sturdy enough to no longer require auxiliary heat, the sows and her brood are moved to a community

pen. Following weaning, they enter market unit pens with feeders supplying a ground corn and supplement mix.

Sows and boars, however, are all

hand fed twice daily. As with the pigs, their feed is ground at D.E. Horn's Red Lion mill. Except for supplement, the corn, barley, oats and alfalfa ingredients are all raised on the Thomas farm.

Hogs are not the sole interest at the Thomas farm, however, where they also enterprise birds, bees, and Boston terriers.

Carolyn's flock of 100 heavy laying hens demands daily attention for feed and egg gathering. Along with the layers, she is currently raising a replacement flock of similar size.

And, the couple maintains a half-dozen hives of bees, extracting several hundred pounds of honey in a productive season.

The initial hive was purchased several years ago by Charlie's father, Ralph, at a local charity fundraising event. Since then, several swarms of bees have been gathered from locations as diverse as trees in the middle of town to pasture fence posts, adding new hives to the backyard lineup.

A pair of Boston terriers are the lone breeding stock currently in

the runs of the small kennel, although puppies are a future possibility. And, while Charlie initially had interest in breeding Charolais cattle, assisting with the hog business claims most of his spare time. Vacations from his job are planned well ahead, with hog show and crop harvest dates dictating many of his scheduled days off.

With winter farrowing season in full swing, Carolyn will keep a careful eye on the farrowing house litters over the next several weeks. She'll look at arched backs and underlines and observe ham sizes and how the growing pigs move on their feet.

Perhaps another champion tottles around the farrowing house, snuggling under a warm heat lamp with littermates. Carolyn Thomas would likely be one of the first to say that much showing success lies with fate.

After all, Bam Ka-Li-Ga 44's

mother was entered in the 1986 Farm Show and Hampshire Sale. But she turned up lame and Carolyn left her at home. And when she farrowed, this year's champ was there among her litter of matching, black and pinkish-white piglets.

Bam Ka-Li-Ga 44's mother is bred again. Needless to say Carolyn and Charlie will keep close watch on her pigs. Maybe, just maybe, history might repeat itself.



Several hundred pounds of honey are harvested by the Thomas' annually from their beehive sideline. In her kitchen, Carolyn fills various sizes of jars with the homegrown sweetener.





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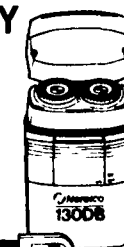
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On being a farm wife - And other hazards

Joyce Bupp



By gosh, there's nothing like a good old fashioned blizzard to put life in perspective.

While a foot of snow is ho-hum stuff to our neighbors a few counties north, we folks who live here on the state's southern border are more accustomed to coverings in the 2-to-6-inch range.

With a heavy cloud cover dumping white stuff at the rate of an inch-plus an hour, suddenly a chocked-full schedule of pressing meetings, appointments and

errands loses its importance to a more immediate issue.

Survival. Man against the elements. Brain against the brawn of Mother Nature.

Point person in the blizzard survival battle is your favorite weather forecaster, issuing excited announcements of such phrases as "severe winter storm warning," meaning snow has started to fall. Or, there's a related phrase, "severe winter storm watch," which means we may,

perhaps, possibly, have snow or ice; on the other hand, the whole front could either fall apart or blow out to sea and be lost in the Bermuda Triangle.

Response to such ominous announcements is totally predictable: a run to the local supermarket for survival rations. This is done regardless of whether the last food-stock-up trip occurred three weeks or 12 hours previous.

Fascinating, wouldn't you say, that in this best fed country in the world, it is entirely possible upon warnings of an impending snow for a person to be crushed in the stampede to stock up on food. Indeed, a friend who stopped at the supermarket just before last week's big snow had to wait in line for a cart before she could get down to business.

While blizzards may add excitement to day-to-day routine, they do create extra work out on the farm. Feed must come in and product must go out. Most of us dairy producers have some feed on hand, so getting the milk out is the major concern. A dairyman facing a tank of white liquid about to spill over the top while a herd of full-

uddered milkers bawls in the background is not a pretty sight.

So the next scouts in the dairy farm blizzard survival battle are the milk haulers. There aren't enough words of praise for most of these veterans of ice, sleet, snow, blow and drifts, who routinely pull out at unspeakable hours in the dark of night or very early morning, making impossible runs in unpredictable weather.

Then, more excitement in keeping a blowing blizzard at bay so the trucker can get from point A, a plowed road, to point B, your milkhouse. So, out of the shed roars the battle tanker, a diesel wrapped in a plow and cab or wind guard, or similarly equipped four-wheel-drive pickup.

For at least the last couple generations with which I've been familiar, males in this family carry a genetically-heritable weakness for plowing snow. One such third-generation snowplower, who laments rolling out of a warm bed for a schoolbus, voluntarily

bounces out from a pileup of warm blankets to embrace weather that would frostbite a polar bear, so long as it means running the tractor and plow.

Combine local milk truck routes with locations of nearby relatives and friends who need plowed out, and it means one kid who eagerly skips breakfast to disappear for hours on end, totally hypnotized by the motion of white snow rolling over the corner of a shiny blade.

Back on the home front, blizzard survival equates to baking bread. (Never mind that there are a half-dozen loaves in the freezer.) Some primeval urge draws me to yeast and flour (or frozen bread dough) and the heavenly smell and cozy warmth of loaves browning in the oven.

Frankly, in spite of the extra hassles, I suspect most of us enjoy the mini-break created by being temporarily blizzard-bound for a couple of hours.

Think we could schedule one about mid-August?

Students Don't Object To Reduced Sodium Diets, Study Shows

MEDIA - Although many people claim that reduced sodium meals mean reduced taste meals, those same people may not pass a taste test, according to a report in a recent issue of FDA Consumer.

Recent studies in Louisiana and New Hampshire schools showed that most students didn't notice when the sodium content of school meals was decreased. Those who did notice a difference generally preferred the reduced sodium foods to their saltier counterpart.

In the Louisiana elementary school study, sodium was progressively reduced from 25 to

75 percent in dinner rolls and other baked products. Students recognized no difference in quality and wasted no more food than they had when served the high sodium baked goods. The New Hampshire study involved monitoring the blood pressure of high school students in relation to dietary sodium.

Although they are not ready to report clinical results, Maryetta Dorricott, Delaware County Cooperative Extension home economist, says both groups of researchers say it's not too early to conclude that students don't object to sodium reduced diets.

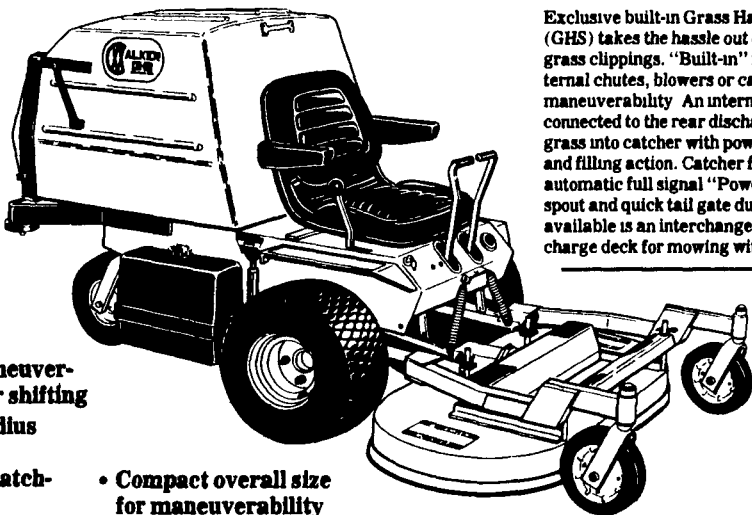
If you need new ideas to lower the sodium content of your diet, come to the Low-Sodium Meeting at the Hunt Club Building in Rose Tree Park, Media on Friday, Feb. 6 from 10 a.m. to noon. New ideas, data, and taste of foods will be available. Cost is \$2, payable at the door.

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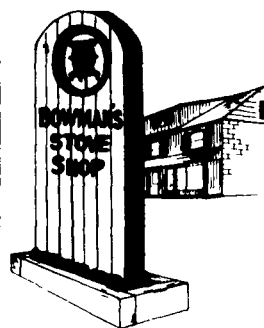
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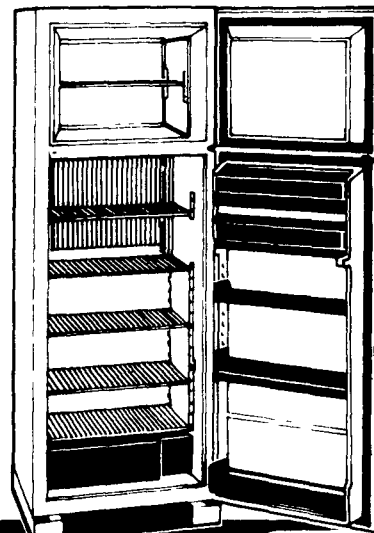
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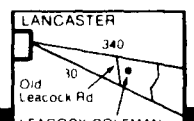
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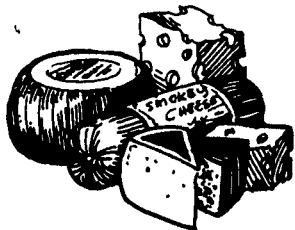
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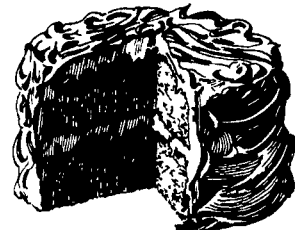


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Home On The Range



Add A Taste Of Seafood To Mid-Winter Meals

Tired of the chicken, beef, pork rotation of dinner entrees? Add a taste of seafood to your mid-winter menus for a healthy, and tasty, change of pace.

If you're planning a special occasion meal in the next month or so, consider making shrimp, crab, salmon or tuna the main attraction. Delicacies in their own right, these tidbits from the sea become even more tantalizing when prepared with flavor-enhancing ingredients.

Take a look at this week's recipes, then give them a try. And while you're looking, don't miss the recipe topics at the bottom of the page. This list gives you a preview of Home on the Range features for the next three weeks. We'd like to feature your recipes on this page, so if you have a favorite, please send it along. Our readers will be glad you did!

Next week we'll feature cherry recipes, so if you have a favorite cherry pie, tart or sauce, write the recipe on a piece of paper with your name and address and send it our way. The following week, we'll offer sweet treats to surprise your Valentine, so get out your "Angel" food cake, "Sweetheart" salad, chocolate "Kiss" and other sweet treat recipes to share with us.

And February is Potato Lover's Month, so we'll feature potato recipes Feb. 21. Please send along your favorite method of preparing potatoes, or share a casserole or main dish recipe that uses Pennsylvania potatoes.

SAVORY POTATO-SALMON PIE

- 1 15½-ounce can salmon, drained (reserve 3 tablespoons liquid)
- ¾ cup instant mashed potato flakes, dry
- 2 tablespoons finely chopped onion
- ½ teaspoon celery salt
- 1/8 teaspoon pepper
- 2 eggs
- 1 7-ounce can cream-style corn
- ¼ cup water
- ¼ cup plain yogurt
- ¾ cups instant mashed potato flakes, dry
- 1 tablespoon freeze-dried chives
- 1 teaspoon celery salt
- 1 teaspoon dill seed
- 2 eggs, beaten

Heat oven to 350°F. Grease pie plate, 9x1¼ inches. Mix salmon, reserved salmon liquid, ¾ cup potatoes, the onion, celery salt, pepper and eggs. Press potato mixture against bottom, up side and onto rim of pie plate.

Heat corn, water and yogurt to boiling in 2-quart saucepan; remove from heat. Stir in remaining ingredients except cheese. Pour into crust. Bake 20 minutes; sprinkle with cheese. Bake until cheese is melted, 10 to 15 minutes longer. Makes 6 servings.

CHEESY CRABMEAT CASSEROLE

- ½ cup shredded sharp cheddar cheese
- 2 cups medium white sauce
- 2 6¼-ounce cans crabmeat
- 1 1-pound can peas, drained
- Salt and pepper
- Buttered bread crumbs

Add cheese to white sauce and stir until melted. Stir in crabmeat (which has been drained and flaked) and peas; season to taste. Pour into a 1½-quart casserole, top with buttered bread crumbs and bake in moderate oven (350°F.) for about 25 minutes or until crumbs are brown. Makes 4 to 6 servings.

Note: For a tasty budget dish, substitute 2 7½-ounce cans fish flakes for the crabmeat.

Janet Miller
Easton

PARTY SALMON LOAF

- Salmon Layer:**
- 2 envelopes unflavored gelatin
- ½ cup cold water
- 1½ cups boiling water
- 2 tablespoons vinegar
- 2 tablespoons fresh lemon juice
- 1 teaspoon seasoned salt
- 1 1-pound can salmon, drained, flaked, bones crushed
- 1 tablespoon finely chopped onion
- Cottage Cheese Layer:**
- 1 envelope unflavored gelatin
- 2 cups milk
- 1½ cups peeled, seeded, shredded and well drained cucumber
- 1 cup creamed cottage cheese
- ½ cup dairy sour cream
- ½ teaspoon seasoned salt
- ¼ teaspoon salt
- Dash pepper

For salmon layer: soften gelatin in ½ cup cold water. Add boiling water; stir until gelatin is dissolved. Stir in vinegar, lemon juice and seasoned salt. Chill until mixture begins to thicken. Fold in salmon and onion. Pour into a lightly oiled 9x5-inch loaf pan. Chill until almost set.

Meanwhile, for cottage cheese layer, soften gelatin in ½ cup cold milk. Dissolve over low heat, stirring constantly. Add remaining milk. Stir in cucumber, cottage cheese, sour cream and seasonings. Pour over salmon layer. Chill several hours or overnight. Unmold onto lettuce-lined plate. Garnish as desired.

SHRIMP HAWAIIAN

- 1 cup cottage cheese, drained
- 1 7-ounce package frozen shelled and deveined shrimp, cooked and chpped
- 1 8¼-ounce can crushed pineapple, well drained
- ¼ cup chopped celery
- 2 teaspoons fresh lemon juice
- ½ teaspoon salt

Beat cottage cheese at highest speed of mixer until fairly smooth. Stir in shrimp, pineapple, celery, lemon juice and salt. Cover and chill. Use as a sandwich filling on white bread or for open-faced sandwiches.

SALMON DIVAN

- 1 7¼-ounce can pink salmon
- 2 medium zucchini
- 2 tablespoons butter
- ¼ teaspoon garlic powder
- 1 tablespoon flour
- ¼ cup sliced green onion
- ½ teaspoon dill weed, crumbled
- ½ cup milk
- ¼ cup mayonnaise
- 3 tablespoons grated Parmesan cheese
- Paprika

Drain salmon. Slice each zucchini into 4 lengthwise slices. Steam until tender-crisp. Arrange 4 slices in each of 2 individual baking dishes. Dot equally with 1 tablespoon butter and ¼ teaspoon garlic powder. Melt remaining 1 tablespoon butter in small saucepan. Stir in flour until blended; add green onion and dill weed. Cook, stirring, about 1 minute. Gradually stir in milk until sauce thickens. Remove from heat. Stir in mayonnaise and 1 tablespoon Parmesan cheese; fold in salmon. Spoon salmon mixture over zucchini. Sprinkle with remaining 2 tablespoons cheese and paprika. Bake in 350°F. oven 15 minutes. Cool 10 minutes before serving. Makes 2 servings.

SALMON LOAF

- 1 16-ounce can salmon, drained
- ½ cup Farina, plain or malt flavored
- 3 cups milk
- 2 tablespoons butter or margarine
- 2 teaspoons salt
- ¼ teaspoon pepper
- 3 eggs, beaten
- 1½ tablespoons chopped onion
- 1 or 2 tablespoons lemon juice

Remove bones and skin from salmon. Break salmon into small pieces with a fork. Take 3 cups of cold milk and Farina and cook until thickened. Cook this over low heat and stir constantly so it does not burn until thickened. Remove from heat and add salmon, butter or margarine, and salt, pepper, eggs, onions and lemon juice. Pour into a well-greased loaf pan, 9x5x3 inches. Bake at 350°F. for about 40 minutes.

Esther Wagner
Sebewaing, Mich.

SEAFOOD STUFFED TOMATOES

- 1 7-ounce package frozen shrimp, cooked, OR 1 cup cooked shrimp
- 1 6-ounce package frozen crab meat, thawed and well drained
- 1 cup grated carrots
- 1 hard-cooked egg, chopped
- 2 tablespoons sliced green onion
- 1 cup dairy sour cream
- 3 tablespoons chopped parsley
- 1 teaspoon lemon peel
- 2 tablespoons fresh lemon juice
- 1 teaspoon prepared mustard
- 1 teaspoon salt
- 1/8 teaspoon pepper
- 6 large tomatoes

Cut shrimp into small pieces; flake crab meat. Combine shrimp, crab meat, carrots, egg and onion in a bowl; chill. Combine sour cream, parsley, lemon peel and juice, mustard, salt and pepper in a small bowl; chill. Lightly toss dressing with seafood mixture. Chill. Remove a slice from the stem and blossom ends of tomatoes. Place each tomato on side; cut into thirds about two-thirds down. Place ¼ cup seafood mixture into each sliced section. (½ cup for each tomato.)



Salmon and cucumber combine with dairy products for a tempting salad.

TUNA SUPPER DISH

- ½ cup butter
 - 6½ ounces drained tuna
 - Salt and pepper to taste
 - ½ cup flour
 - 3 cups milk
 - 2 cups cooked, drained peas
- Melt butter in heavy pan. Blend flour into melted butter and allow to simmer for one full minute. Remove pan from heat and add cold milk. Return to heat and stir sauce until it bubbles. Add salt and pepper. Add drained tuna and peas. Bring only to boiling stage and serve immediately on hot buttered toast.

Dorothy Witmer
Ephrata

CRAB CAKES

- 1 pound crab meat
- ½ cup bread crumbs
- 2 tablespoons mayonnaise
- 2 teaspoons parsley
- ¾ teaspoon salt
- 1 teaspoon worcestershire sauce
- ½ teaspoon dry mustard
- ¼ teaspoon pepper
- 1 raw egg

Mix all ingredients together 20 minutes before serving. Let stand. Fry in butter in skillet. Flatten spoon size portions into patties. Fry until golden brown, then turn and brown the other side.

Marlene Adams
Hamburg

(Turn to Page B7)

Featured Recipes

This week's featured recipe comes from Carolyn Thomas, a York County woman who raises hogs. Two weeks ago, she earned the Champion Farm Show Hampshire gilt championship with a homebred entry. To learn more about Carolyn and her hogs, look for the story about her on page B2.

Carolyn says she "more or less just throws this casserole together, using homemade tomato juice, or fresh, chopped tomatoes in summer." Cooks for larger families might want to double the ingredients.

Sausage and Macaroni Casserole

- ½ to ¾ pound loose pork sausage
- 3 cups cooked macaroni
- 1 cup tomato juice
- Chopped onion and/or green pepper to taste

Mix all ingredients and turn into greased casserole. Top with ¾ cup bread crumbs mixed with 2 tablespoons melted butter or margarine. Bake 1 to 1½ hours in a 325°-350°F. oven, until sausage is cooked and bread-crumbs topping nicely browned and crunchy.

Ham Casserole

- 1-½ cups cubed, cooked ham
- 1 cup drained, cooked lima beans
- 1 8-ounce can cream-style corn
- 1 cup shredded, sharp Cheddar cheese
- 2 tablespoons minced onion
- 1 tablespoon worcestershire sauce
- ¾ cup buttermilk baking mix
- ½ cup corn meal
- 1 egg

Mix together ham, lima beans, corn, cheese, onion and worcestershire sauce. Put in greased casserole, cover, and bake for 15 minutes in a pre-heated 400°F. oven.

Mix remaining ingredients and spoon batter over hot meat mixture, spreading to edges of casserole. Return casserole to oven and bake, uncovered, for 20 minutes, or until batter topping is nicely browned.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Sue Keene, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

February

7-
14-
21-

Cherries
Valentine Sweet Treats
Potatoes



Have You Heard?

By Doris Thomas
Lancaster Extension
Home Economist

How to Store Herbs and Spices

Dried herbs and spices aren't like fine wine or a fine mind — they do not improve with age. So, if your kitchen cupboards have sheltered certain seasonings for some years, don't expect them to add much zip to your food.

New-purchased dried herbs and ground spices have a shelf life of about six months; most whole spices, one to two years — though whole cloves, whole nutmeg and cinnamon sticks keep their quality longer. When aroma and taste fade noticeably, it's time to replace your seasonings. These days that is costly.

So, store herbs and spices in airtight containers away from warm areas because heat may cause flavor to fade fastest. Keep them in a dry place away from sunlight, and away from the heat that a range top, oven or refrigerator gives off. Store dishes and ovenware, not seasonings, on shelves above a range top.

Maybe you can share a new box of spice with a friend or neighbor, then seal each half in an airtight container and keep in the refrigerator. Another way to save is to grow your own herbs. You can use a clay pot on the windowsill.

Like spices, coffee and tea also need special care. Ground and instant coffee keep well for several weeks once opened — longer if

stored in the refrigerator. Keep coffee tightly covered and measure with a dry spoon.

Store tea in airtight containers also away from sunlight and heat. Tea bags will keep well for 18 months; loose tea two years; instant tea, three years.

Some Fat in the Diet Essential to Health

From all the talk about disease and fats, you may be wondering if you should give up eating fat entirely.

Fat is part of all foods — even fruits and vegetables — so you would have a hard time. The same is true of different types of fats, polyunsaturates for instance. All fats — liquid or solid, animal or vegetable — contain both saturated and unsaturated types of fats.

It's hard for anyone to conclude on their own that one type of fat is more healthful or unhealthful than another. Some studies seem to show that eating too much saturated fat (animal products are rich sources) may be related to heart disease, and some studies seem to show that eating too much of processed vegetables oils, margarines, and shortenings may

be harmful under other circumstances.

This suggests that you should not stress any one source of fat in your diet. Vary the fats among oils, margarines, milk products, eggs, meats, fish, nuts and seeds. There is a place for variety in every diet.

Do not expect a particular form of fat to protect you from chronic disease. It's the total amount of fat rather than the type of fat that's significant in the diet.

Many Americans of all ages eat more fats than they need. Some fats, however, are necessary to the body's general health. They are the most concentrated sources of food energy to the body. They carry vitamins A, D, E and K through the body and also help the body to absorb them. Without certain essential fatty acids in the diet, the body develops specific skin diseases.

Fats alone are not responsible for people being overweight. Extra calories from any food can contribute to overweight. People who need to lose weight should limit foods not only high in fats, but also those high in sugar and alcohol.

And they should find some form of regular exercise they can easily maintain, even if it's walking a few blocks every day.



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New Holland 4-H Baby Beef

Members of the New Holland 4-H Baby Beef Club held a reorganizational meeting recently at Creek Hill Motors.

Officers for the coming year are: president, Jodie Weaver; vice president, Nicki High; secretary, Kristen Chupp; treasurer, Fred Weaver; news reporter, Jessica

Hertzog; song and game leaders, Jennifer Shellenberger and Jonathan Myer.

On Feb. 16 the steers will be tagged and weighed at the members' homes.

The next meeting will be held Feb. 17 at Creek Hill Motors.

Seafood Recipes

(Continued from Page B6)

FISH WITH ALMONDS

1 package frozen fish fillets
1/4 cup milk
1/2 cup flour seasoned with 1/2 teaspoon salt and 1/4 teaspoon pepper
1/4 cup chopped almonds
2 tablespoons lemon juice
1 tablespoon oil
2 tablespoons margarine

Separate fillets; dip in milk, then in seasoned flour. Pan fry in 1 tablespoon of oil and 1 tablespoon of margarine. Cook about 3 to 5 minutes on each side or until golden brown. Take out of frying pan and keep warm.

Add remaining margarine to pan. Add almonds. Saute until golden. Add lemon juice. Pour over fish and serve. Makes 4 servings.

TUNA FISH SAUCE

2 teaspoons salad or olive oil
1 medium onion, finely chopped
1 1/2-ounce can tuna fish, drained
1/4 cup chicken broth (can be made with bouillon cubes)
6 ounces cream cheese
2 teaspoons paprika
Salt to taste

Put the oil into small skillet over medium heat, add the onion and cook, stirring occasionally, until it is just translucent and starting to turn gold. Add 1/2 cup of chicken broth. Stir well and simmer for 15 minutes. Allow mixture to cool and puree with a fork or a blender, until smooth.

Soften cream cheese and work in the paprika. Add the tuna sauce. When all has been added, start stirring in the rest of the broth. Salt to taste. Makes 2 1/2 cups.

Note: Try this sauce over cooked noodles or rice. Also good on cooked broccoli, cauliflower or cabbage.

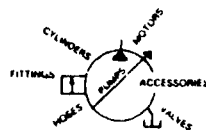
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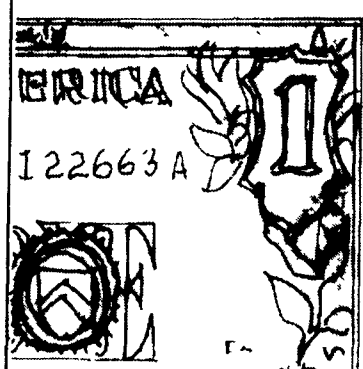
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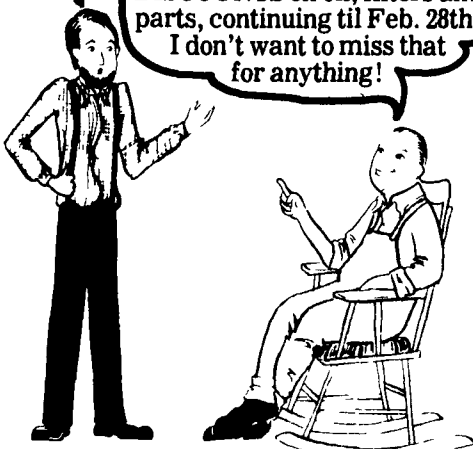
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Jake, did you mark your calendar for the OPEN HOUSE at Binkley and Hurst Bros. on TUESDAY, FEBRUARY 17th?

You bet I did, Luke... I can hardly wait!

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YES...I hear the program they have planned is better than ever! And I also heard that starting on Open House Day they will be offering BIG DISCOUNTS on oil, filters and parts, continuing til Feb. 28th. I don't want to miss that for anything!

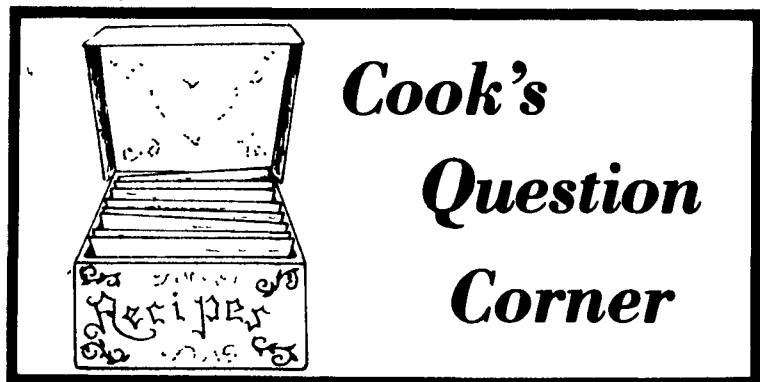


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Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Mrs. Richard Wells, Waymart, would like a recipe for a cheese cake that is not baked and has a graham cracker crust.

QUESTION - Maude Burns, St. George, W. Va., would like recipes using pearl tapioca without milk.

QUESTION - Mrs. Edwin Rissler, New Enterprise, would like to know how to make cheese with rennet tablets that is good enough for guests. She adds, "When you cure it two weeks in the refrigerator, what do you wrap it with?"

QUESTION - Charles Dively, Spring Run, would like recipes for homemade ice cream.

QUESTION - Marian Guyaux, McDonald, would like recipes for Belgian waffles and for tomato pie.

QUESTION - Mrs. Clyde Utt, Kempton, would like a recipe for homemade steak sauce using pizza sauce.

QUESTION - Darlene Kates, Mauricetown, N.J., would like a recipe for arrowroot cookies like Nabisco makes for little children.

QUESTION - Betty Biehl, Allentown, would like a recipe for a good beef vegetable pie made with pie dough.

QUESTION - Turla Hogg, Slippery Rock, would like a recipe for the apple dish served on Shoney's Restaurant Buffet. The apples are sliced with cinnamon, etc.

QUESTION - Mrs. Edith Rader, Holmes, would like a recipe for pan pudding that is not gummy.

ANSWER - A reader in New York requested suggestions for using whey. Thanks go to Mrs. Edwin Rissler, New Enterprise, for the following recipe.

Lemon Whey Pie

- 1½ cups whey
- 1 cup sugar
- 3½ tablespoons cornstarch
- 2 egg yolks, slightly beaten
- 1½ tablespoons butter
- ½ teaspoon salt
- ¼ cup lemon juice or 1 teaspoon extract
- 1 8-inch baked pie shell
- 2 egg whites
- ¼ cup sugar

Bring to boil 1 cup whey. Mix sugar and cornstarch and add to ½ cup whey. Then mix with boiling whey. Cook until thickened, stirring constantly. Mix the next 4 ingredients and add to first mixture. Pour into a baked pie shell. Beat egg whites until stiff; add sugar. Put on top of pie and bake until golden.

ANSWER - Fred Suppe, Mt. Jackson, Va., requested a recipe for making sweet creamy butter using an electric churn and unpasteurized fresh cream. Thanks go to Mrs. Ray Keeny, New Freedom, for the following response

Sweet Butter

"I have made butter from sweet cream many times. The cream should be at least one or two days old. (It can be kept in refrigerator several days before it sours.) Take it out of the refrigerator and let it warm at room temperature a couple hours before churning. I used to have a dairy thermometer that showed the ideal temperature for churning, but it broke, and I have never found another. I suppose they are available somewhere. If the churn's motor is under the jar, he can start with the cream at a cooler temperature, because the heat from the motor warms the cream, and it might get too warm before it makes butter. His churn might not have enough blade. I once had an electric churn that had such a little blade on. My son added another blade to it, and it worked much better. I now churn in my mixer or food processor, which works very well. If you use the mixer, you should fasten a towel or something around the bowl, as it splatters badly. It can be churned in a blender too, or even shaken in a jar."

She adds: "It might be necessary to add ice water after the cream thickens, if churn or blender motor makes it too warm."

ANSWER - Last week's cook's question corner included a sugar rock candy recipe for Joan Coale of New Milford. Here's a slightly different version from Brenda Johnson, Middlebury Center

Hard Rock Candy

- 2 cups white sugar
 - ⅔ cup white corn syrup
 - ⅔ cup water
- Stir until well mixed. Place on fire. (If using a ther-

New Tax Law Places Limits on Tax-Free Income Of Children

STATE COLLEGE — The new tax laws include restrictions on how much tax-free income children can have and eliminates some benefits of transferring property to children.

Prior to passage of the Tax Reform Act of 1986, the "Clifford" trust was a tax management tool commonly used to transfer income-earning property to children. Those who were in a position to do so could transfer property to their children, who then collected income from the trust property. This reduced the parents' taxable income and resulted in the income being taxed at the child's marginal rate.

The trust was typically designed so ownership of the property reverted to the original owner after 10 years and one month. The practice saved income tax in an amount equal to the earnings from the trust property times the difference in the marginal tax rate of the child and that of the parent.

The new tax law eliminates the use of Clifford trusts effective for property transfers after March 1, 1986. An exception applies for transfers that were in process and subject to binding property settlement agreements entered into before that date. The change in law does not apply to those cases that were in process but not concluded prior to March 1, 1986.

Unearned income (interest or investment income) of minor children is also subject to new rules because of the 1986 tax legislation. The new rules are exceedingly complex and will not be completely understood until regulations are issued by the Treasury department. In general, the new law taxes the net unearned income of a child at the parent's top marginal rates. Net unearned income is unearned income ad-

justed for a standard deductions related to the production of unearned income. Earned income of a child is taxed at the child's marginal rate.

The features of the new legislation are as follows:

- A standard deduction is used to adjust the income of a minor child. The standard deduction is equal to the child's earned income. If there is no earned income, the standard deduction is the smaller of unearned income or \$500. If there is no earned income and the standard deduction offsets unearned income, there is no federal tax liability if unearned income is \$500 or less.

- If a child has both earned and unearned, the standard deduction is allocated first to offset unearned income (up to \$500) and the balance is allocated first to offset earned income. If unearned income is completely offset and the only remaining income is earned income, tax on earned income exceeding the amount offset by the standard deduction is computed at the child's marginal rate.

- If NET unearned income (defined below) is \$500 or less, it is taxed at the child's marginal rate. Any excess above \$500 is taxed at the parent's marginal rate.

Net unearned income of a minor child is a child's unearned income minus \$500 and the greater of: (1) \$500 from either the standard deduction or itemized deductions, or (2) the amount of allowable deductions which are directly connected with the production of unearned income.

The above changes are only part of the impact of the new law on children's tax benefits. After passage of the new legislation, children who are claimed as dependents on their parents' tax returns may not claim exemptions

for themselves on their own returns. Prior law permitted a dependency deduction on the parents' return in addition to a personal exemption on the child's return (thus two exemptions) if the child were under 19 years of age, or at any age if the child were a full-time student.

The new law requires each taxpayer to include on his tax return the taxpayer identification number of each dependent claimed on the return who is 5 years of age or older. This new requirement is effective for returns due on or after January 1, 1988. There is a penalty of \$5 for failing to report the taxpayer identification number or for reporting an incorrect identification number.

Also, the Internal Revenue Service is permitted to continue the current practice of denying a deduction for a dependent if it cannot be established that it is proper to claim the dependent on the return.

The new law includes a special provision for taxpayers who, because of their religious beliefs, are exempted from social security self-employment taxes. These taxpayers and their dependents, who traditionally have secured their taxpayer identification numbers from the Internal Revenue Service or through special arrangements with the Social Security Administration, are permitted to continue this procedure.

They are exempt from the general requirement of obtaining a social security number from the Social Security Administration. Alternatively, if their established practice has been to secure the taxpayer identification number under special procedure with the Social Security Administration, that practice may be continued.

mometer, cook until 300° F.) or until it reaches the string, by taking a sampling by spoon, or crackling stage, by placing sample in cold water. Remove from fire and put in desired oil flavoring and cake coloring. Cover quickly and let set one minute. Pour onto cake pan until cool, then crack and shake in bag of one teaspoon of powdered sugar to keep it from sticking.

Flavoring and coloring suggestions: ½ teaspoon peppermint and no coloring; 1 teaspoon spearmint flavoring and green coloring; ½ teaspoon clove, blue 1 teaspoon anise, yellow; ½ teaspoon cinnamon, red; 1 teaspoon sassafras (root beer), brown; or 1 teaspoon wintergreen, pink.

ANSWER - The Jan. 17 cook's corner offered several recipes using scripture references. The recipes kept pouring in, many of which were variations of the Scripture Cake printed previously. However, the Easter Scripture Bars below, submitted by Shirley Strohecker, Herndon, was a bit different. Our thanks to Shirley and to all the others who shared their recipes.

Easter Scripture Bars (Use Bible for reference)

- 2 Jeremiahs (chapter 17, verse 11)
- 1 cup Jeremiah (chapter 6, verse 20)
- 1 tablespoon melted Psalm (chapter 55, verse 21)
- ¼ cup First Kings (chapter 4, verse 22)
- ¼ teaspoon Leviticus (chapter 2, verse 13)
- ¾ cup chopped Numbers (chapter 17, verse 8)
- 1 cup chopped Nahum (chapter 3, verse 12)
- ½ teaspoon Galatians (chapter 5, verse 9)
- 1 teaspoon liquid Numbers (chapter 17, verse 8)

In case you are not accustomed to using your Bible in the kitchen; begin the recipe by taking 2 parts of the ingredient you will find mentioned in Jeremiah (chapter 17, verse 11) Add a cup of the ingredient mentioned in Jeremiah (6,20) and so on. If there is more than one ingredient mentioned, always use the first. Another point is in biblical days some ingredients do not appear in modern form, such as baking powder, which is used when in Galatians (5,9) they suggest a word to make dough rise.

Beat Jeremiah (17,11) until light, add Jeremiah (6,20) and Psalm (55,21). Blend well, sift dry ingredients together; and all chopped ingredients and flavoring and blend well. Pour into greased shallow cake pan; bake in slow (300° F) oven about 25 minutes. Cut into bars and roll in Jeremiah (6 20) Makes 24 bars

Add Fruit To Brown Bag Lunches

MEDIA — Parents know that fresh fruit is one of the best desserts for their children. And most children like it. Fresh fruit packed in school lunches is often another story. The orange comes home because it was too hard to peel: the banana doesn't get eaten because it got knocked around so much on the way to school that it goes "mushey." The apple you so carefully sliced is reported by your suspicious third grader as "looking rotten."

What to do? Here are some suggestions from Delaware County Cooperative Extension Home Economist Maryetta Dorricott, to help solve the problem.

An orange can be peeled, separated into segments and packed into a small plastic bag for eating anytime. Don't worry about vitamin C loss. The membrane on the orange segments will keep it intact.

Choose bananas that are slightly underripe. They travel best, and most children prefer their firmer texture. If your child likes yogurt or cottage cheese, fold some sliced fruit into one of these and pack in a sealed plastic container.

Use the plastic containers to packed canned fruit, too. Applesauce is especially popular. If you choose canned pears, peaches, or cherries, avoid those that come in heavy syrup.

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Chili and corn based bread is a terrific combination for a warm and hearty meal. With a fresh green salad, you're all set for company, or a quick hot lunch.

For vegetarians, or an inexpensive meal, make the chili without meat. The beans, corn-meal and flour complement each other to give you a complete protein.

I've tried many recipes for chili, but the recipe below for Cincinnati Chili is our favorite. A friend shared her family's recipe, and I adapted it for microwaving.

She also sent some interesting directions for serving it without the cornbread:

• **Two-way-chili** is chili made without beans and served over spaghetti. It is sprinkled with grated cheddar cheese.

• **Three-way-chili** is two-way-chili (no beans) with raw minced onions sprinkled on top as well as the cheddar cheese.

• **Four-way-chili** has kidney beans added to the chili, and is served on spaghetti with the raw onions and cheddar cheese on top.

If you have your own favorite chili recipe, it can be adapted to the microwave. Just remember

these simple adapting directions: Brown any meat first. Cook on high power, stirring several times, until pink color is gone.

A good way to brown hamburger in your microwave is to place it in a plastic colander sitting in a pie plate or dinner plate. The fat that cooks out of the meat drains away and can easily be discarded.

If reducing fat in your diet is important, this is the best way to brown ground meat in the microwave. However, I should warn you that the plastic colander is hard to clean. The meat juices stick in all those little holes!

Raw chopped vegetables, such as onions, garlic, green peppers, or celery, should be sauteed until tender before adding other ingredients. Microwave on high power for about 3 minutes per cup of vegetables, stirring once or twice.

Oil can be added for flavor, but is not necessary to prevent scorching. Vegetables can also be sauteed with the meat, as in the recipe below.

Reduce the liquids from a conventional recipe by about half, since there is less evaporation in the microwave.

Once it is hot, simmer the chili on medium, (50, 5) for half an hour. If starting with raw cubed or shredded meat, longer simmering time may be needed for the meat to get tender.

Cincinnati Chili
1½ pounds hamburger
1 large onion chopped (1½ cups)
2 cloves garlic, minced
2 28-ounce cans tomatoes
2 teaspoons (very mild) to 6 teaspoons (HOT!) chili powder
2 16-ounce cans kidney beans, optional
2 teaspoons dried oregano
1½ teaspoons salt
1 4-ounce can chopped green chilies, optional
1. Combine hamburger, onion and garlic in a 3- to 4-quart casserole. Cover and microwave on high for 6 to 7 minutes, stirring twice, until meat is no longer pink and vegetables are tender.
2. Chop tomatoes coarsely, and add with remaining ingredients to casserole. Cover and microwave on high for 10 minutes, stirring once, until very hot.

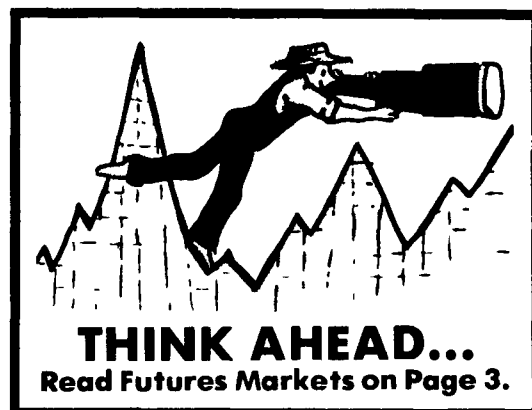
3. Leave uncovered, and microwave on medium (50,5) for 30 minutes, until thickened. Flavor develops more fully if allowed to stand before serving. For best flavor, refrigerate and reheat to serve next day.

Tips: recipe may be cut in half by cutting ingredients in half. In step 1 microwave for 4 minutes, in step 2, microwave for 7 to 8 minutes, until hot. Simmering time for step 3 remains the same. (Since you don't save much time, why not make the full amount and freeze the extra?)

— Reheat chili on high, stirring every 5 minutes. Or, set probe for 160 degrees, but don't forget to stir.

Note: The times above are for microwaves with 600-700 watts of power; for 500 W, add 10 to 15 seconds to each minute.

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THINK AHEAD...

Read Futures Markets on Page 3.

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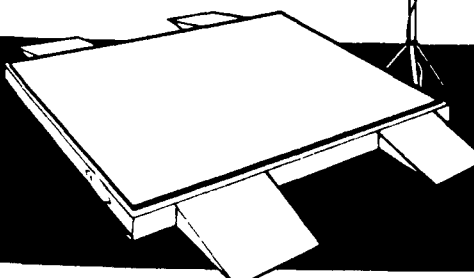
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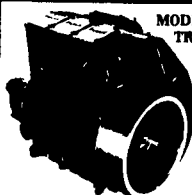


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Scents Evoke Powerful Memories For Many, Survey Reveals

WASHINGTON — On walks around her neighborhood, a California woman pauses to sniff an oleander blossom.

"Instantly," she writes, "I am 10 years old again, standing barefoot in the soft, dry desert sand of the summer camp near Alexandria, Egypt, where I spent nearly every summer of my childhood."

Years after a "sad affair of the heart" in the 1950s, a Missouri dentist gets a whiff of a friend's cologne that reminds him of the after-shave lotion he had worn in those days. "Bang! I was getting a teen-ager's nervous flutters in the stomach all over again," he writes.

Hugging Old Suits

A lonely widow climbs the stairs to her husband's empty bedroom, opens the closet door, and pulls out his old suits. She hugs them because they still carry his trademark odors — Old Spice and smoking tobacco. "I stand there, making believe, close my eyes, and cry," she writes.

These responses are contained in the nearly 1,700 letters the National Geographic Society has received since September, when a scientific scratch-and-sniff survey was mailed to the society's nearly 11 million members.

About 1.5 million members worldwide — an unusually large percentage for such mailings — have returned the survey. Its computerized results will be analyzed by scientists at the Monell Chemical Senses Center of Philadelphia and published by National Geographic magazine in mid-1987.

Monell scientists, too, have answered dozens of letters responding to the survey, many of them related to medical questions.

The correspondence leaves no

doubts about the power of the little-understood sense of smell to evoke sharp memories and powerful emotions, and occasionally to cause physical and mental anguish.

One of the scratch-and-sniff panels "brought back memories of childhood" to a Florida woman, "of standing by the kitchen counter on a brisk autumn evening watching my mother strain the cloves from the hot cider she was pouring into my waiting mug."

A Texas woman describes the odors that attracted her to her mate: "My husband's smell is pretty constant, very sweet and pleasant and clean, like the mixture of clover and alfalfa hay my dad used to bale."

Craved Dangerous Smell

The four pregnancies of an Illinois woman caused certain odors to become unusually acute to her. During one pregnancy, she writes, "I craved the smell of car exhaust — dangerous, to say the least!" During her last pregnancy, the smell of the family dog made her sick, and she repeatedly bathed it with sweet-scented shampoo.

One of the unusual smelled disorders described in the letters to Monell is that of a New York City student who emits unpleasant odors through his nose in humid weather. The center has offered to help him find the cause.

A California woman writes Charles J. Wysocki, one of two Monell scientists who are working on the survey — the other is Avery Gilbert — that flu has left her with a change in the taste of some foods but not others. "HELP — I want to enjoy those foods again," she writes.

Wysocki does what he can for

her. First he explains that, except for sweet, sour, bitter, and salty, taste is really smell. "Your situation is unique" because the loss is partial and not total, he writes. He sends her a list of taste and smell centers and invites her to visit Monell if she comes East.

In a letter to the Geographic, another woman from California, who became deaf in adulthood, writes that improved scent detection accompanied her deafness: "It could result from increased memory and/or a true extending of the scent-detecting physiology."

A minister who directs a support group of chemically sensitive people is one of several Society members who found the survey's scents offensive. "I had to air your magazine outside for days, and it still smelled," she writes. "We are living a life of misery. I was not so sensitive until I got overwhelmed with odors through the years."

Dominated By Odors

Wood smoke from a neighbor's fireplace drove an elderly upstate New York couple from their home and ruined his wife's health. The

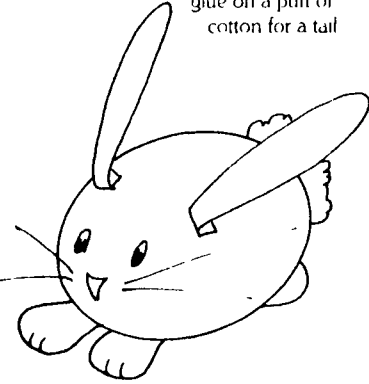
husband writes: "Smells are always on her mind. This has taken over her life, and I'm afraid that only death will release her from the pain of such an unhappy existence..."

In contrast, some of the letters are lighthearted. One man suggests employing his wife in smell tests. "She is an expert," he writes. "She is a Baptist and can smell beer over the telephone."

A woman in Texas seeks advice. "I smell things I see on TV," she writes. "Everyone tells me I'm crazy. What do you think?"

SNOW BUNNY

To make this super snow bunny cut out paper ears, eyes, nose, whiskers, and feet. Glue them onto a plastic egg (you can use the kind that some pantyhose come in). Then glue on a puff of cotton for a tail.



SNOW FOOLIN'

When is a boat like a pile of snow?
When it is adrift.

What is often plowed but never planted?
Snow.

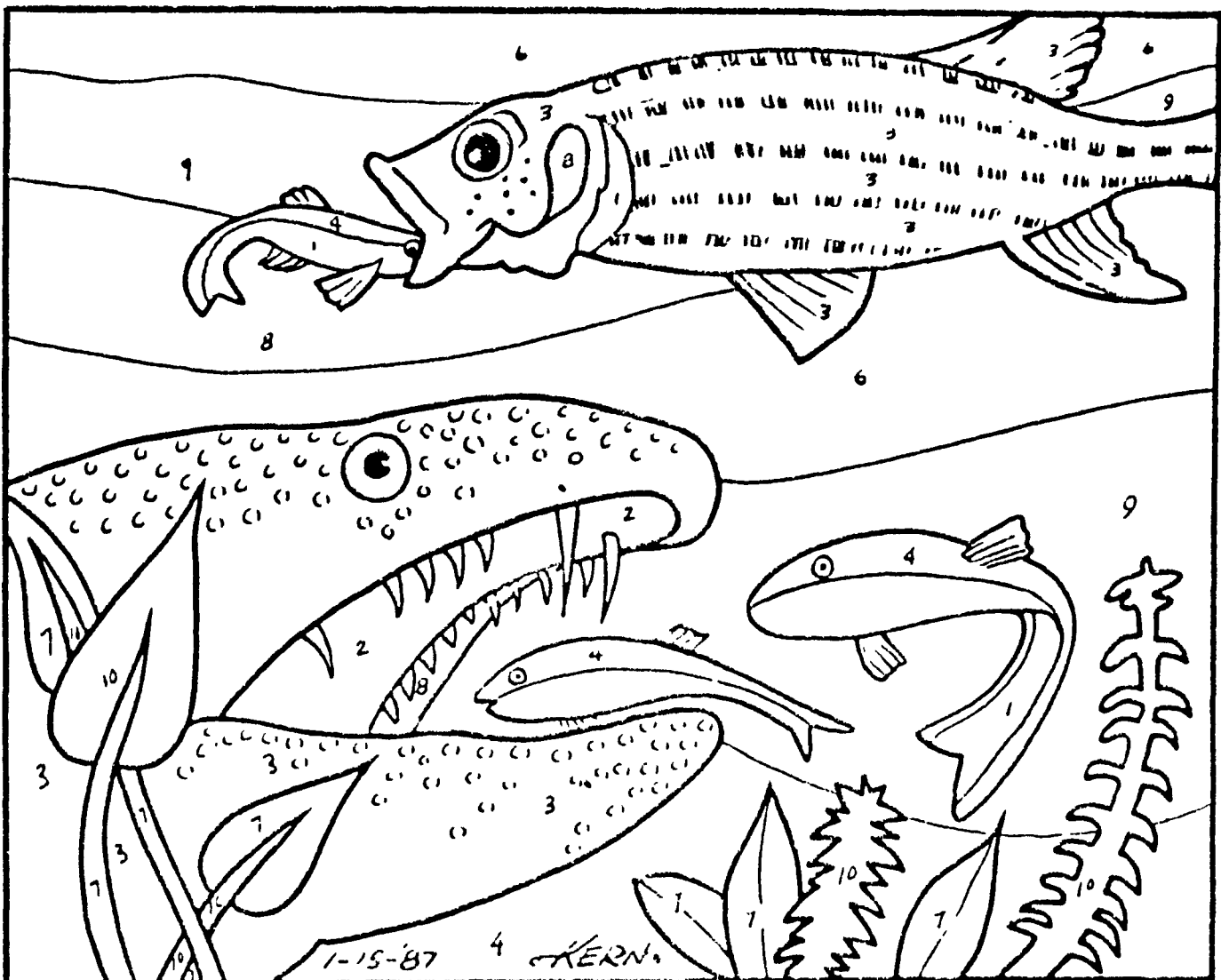
Where would a polar bear keep its money?
In a snow bank.

Why should you never tell jokes while ice-skating?
The ice might crack up

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| 2. RED | 7. GREEN |
| 3. YELLOW | 8. LT BROWN |
| 4. BLUE | 9. LT BLUE |
| 5. BROWN | 10. LT. GREEN |

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Ida's Notebook

Ida Risser



Sometimes I amaze myself when I think about how much I have accomplished in one day. I've just finished writing my diary for yesterday. Yet, in the back of my mind is the thought that I must start braiding my rug or I'll never get it finished before spring.

This is what I wrote for yesterday — "After feeding the cats and sweeping the porches and walks, I washed the car. Then I baked a big pan of an apple dessert for the Bible Study Group that were coming in the afternoon."

"I was interrupted by a knock at the door (people don't seem to see the doorbell) and a young woman asked me to show her a summer cottage that I have for sale. The

real surprise was when I went to unlock the cottage door and found it had been broken into as a large pane of glass was shattered. It is not furnished and so I don't think anything was stolen. However, it did take time to clean up the mess and tack a temporary plastic over the broken pane.

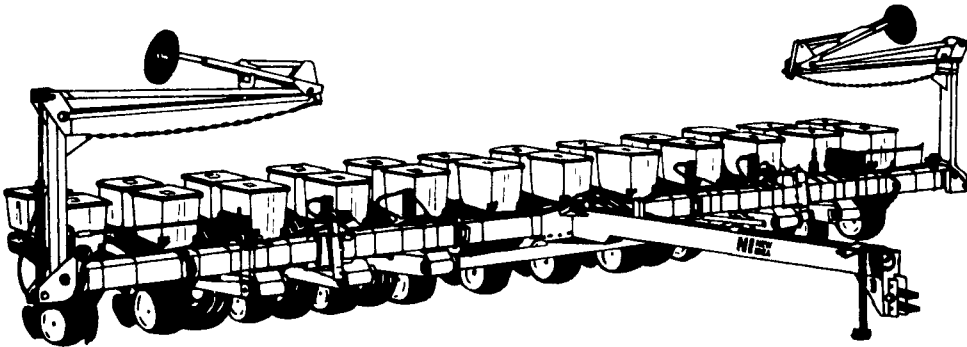
"Next I swept the fine coal off of the driveway as we had gotten seven ton of coal the evening before and the coal would be dragged into the cars. By now it was time to peel potatoes and put the steak in the pan for dinner. Later I got the good china and silverware out of the corner

cupboard for the afternoon meeting. We had a small attendance.

"Afterward, I went to the grocery store as a snowstorm was predicted and the store was quite crowded, but I got home in time to make a nice supper. Before I settled down to watch a few television shows and baste strips of wool for the rug, I rearranged the freezer shelves as we had to butcher a cow with an injured leg and somewhere I shall have to find room for a lot of hamburger and bologna.

"Maybe tomorrow I'll find time to braid the rug."

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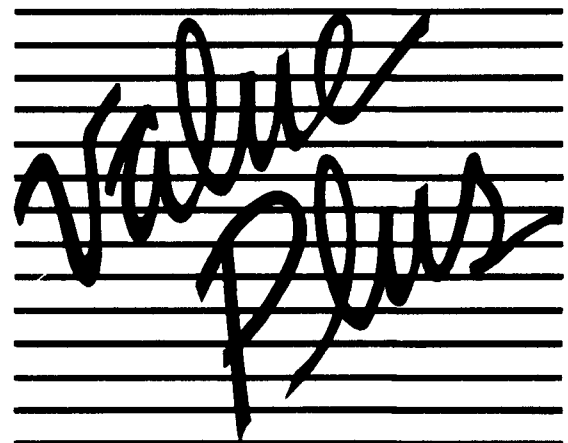
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Enzymes Act as 'Chemical Scissors' To Regulate Plant Growth

UNIVERSITY PARK — A Penn State biologist says plants may regulate certain aspects of their growth through enzymes that work like "chemical scissors."

Dr. Daniel J. Cosgrove, assistant professor of biology, said, "If we can eventually identify these enzymes, perhaps in the future, they can be used as chemical pruners, for example, to produce plants with optimal form, or as plant accelerators to produce food or fiber plants more rapidly."

He bases his conclusion on a discovery made in his research on the gravitropism or "heads up reaction" in cucumber seedlings. The "heads up" reaction occurs when a plant is placed on its side. Within an hour, the plant will have grown so that its crown or "head" is once again facing up and away from the downward pull of gravity.

Scientists used to think that turgor pressure, the internal water pressure of the plant, might be a factor in the process driving the "heads up" reorientation. However, using an instrument of his own design, Cosgrove has gathered the first direct evidence that turgor pressure is not

responsible for the "heads up" growth.

Cosgrove said, "We found that the initial response in gravitropism is a large burst of growth on the lower side and a complete cessation of growth on the upper side of the plant's stem. Measurements with our pressure probe show essentially no change in turgor pressure on the two sides of the stem, despite a 25 percent per hour growth rate differential."

He added, "The change in growth has to come about by changes in the cell wall."

The most likely explanation, according to Cosgrove, is that enzymes act like "scissors" to snip chemical bonds that connect the molecules making up each plant cell wall. The molecules can slide past one another when the chemical bonds are snipped enabling the cell wall to stretch and grow.

"No one yet has got hold of that pair of molecular scissors," he said. But Cosgrove and his research team are searching for them with the aid of a McKnight Foundation Individual Research Award and a National Science

Foundation Presidential Young Investigator Award.

Cosgrove said, "These results get us one step closer to identifying how gravity is influencing growth and also tells us a bit more about the normal controls that the plant has for regulating its own growth."

"Here is a plant that is about one and a half millimeters in diameter and growing just fine when you place it vertically. You put it on its side and in a few minutes that upper surface, that was growing at a good clip, stops growing and even starts contracting. And the lower surface doubles its growth rate. All within the distance of one and a half millimeters and in 10 minutes time. To me, that is a rapid response, in a short distance and when we fully elucidate what is going on, it is going to tell us a lot about normal control of growth."

Cosgrove has presented his research results in an abstract in the Journal of the American Physiological Society and, most recently, in October at a meeting of the American Society for Gravitational and Space Biology in Charlottesville, Va. He has been invited to present his results at the International Botanical Congress in Berlin in July, 1987.

Try Novelty Indoor Gardening For An Educational Winter Activity

FLEMINGTON, N.J. — Novelty indoor gardening projects can be entertaining, even educational, for children and adults. Here are some quick and easy ideas.

The simplest, great for children, is a miniature forest. Spread a layer of lentils in a shallow dish, add water so the seeds are not quite covered and place the dish in a bright location. In a day the roots will usually appear and in a few days a tiny green forest will be growing. Add water as needed. The "forest" won't last very long, but it's fun while it does.

Other fast germinating seeds that make a nice display for a few weeks in a container of potting mix are mustard, sesame (untoasted, of course) or grass seeds. Scatter the seeds over the damp mix (they could be sown in various patterns for fun) and cover lightly with more mix. Cover the container with plastic until shoots appear, then remove plastic and grow in a bright or sunny window.

Most beans sprout very quickly and impressively. They can simply be planted in small containers of potting mix, but the following technique, described in a 4-H manual, makes the entire sprouting visible. Large lima beans are excellent to use because of their size, but it could be fun to try a variety of beans and even other seeds.

Line the sides and bottom of a glass or jar with paper towel; add water to wet the towel and keep some water in the bottom at all times. Stuff the center of the lined container with more damp toweling to hold the lining firmly against the glass. Then "plant" the seeds by slipping them between the glass and the towel liner to about the middle of the container and place it in a bright warm spot and watch closely. Keep the towel moist (the container may or may not need to be covered) and in a few days things will start to Pop!



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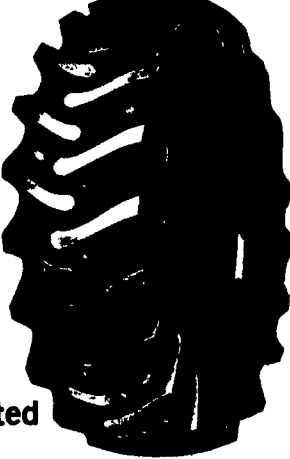
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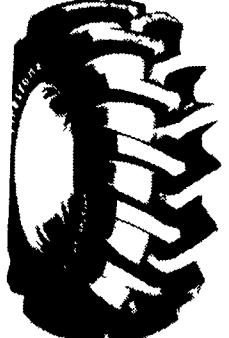


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Del. Extension Offers Garden Center Guide

NEWARK, Del. — Since flower and garden plots are perennially popular with homeowners, some enterprising entrepreneurs might want to establish a new garden center in their area or upgrade

their present business.

For those individuals, a new basic guide, "Garden Center Management," is now offered by the University of Delaware Cooperative Extension System.

The guide was prepared by Susan Barton, extension horticulturist.

From finding funding to moving merchandise with demonstration gardens, the easy-to-read guide covers 20 subject areas in brief

chapters of one to four pages.

"Garden Center Management" is spiral bound and costs \$5 per copy. Quantity discounts are available for large orders.

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Lancaster Farming, Saturday, January 31, 1987-B13

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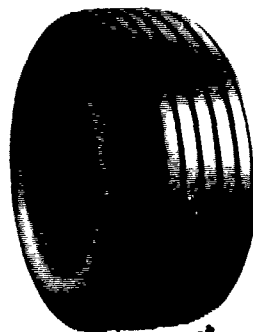


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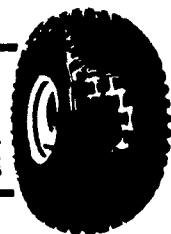
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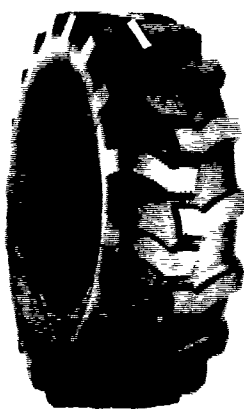
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600 16 6 Ply	\$41.00
650 16 6 Ply	\$42.00
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11 00 16 (TL) 6 Ply	\$110.00
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11 2x28 4 Ply	\$120.00
12 4x28 4 Ply	\$137.00
13 6x28 4 Ply	\$150.00
13 6x28 6 Ply	\$165.00
13 6x28 8 Ply	\$195.00
14 9x28 4 Ply	\$165.00
14 9x28 6 Ply	\$185.00
16 9x28 6 Ply	\$225.00
16 9x28 8 Ply	\$245.00
16 9x30 6 Ply	\$240.00
18 4x28 6 Ply	\$300.00
18 4x30 6 Ply	\$270.00
23 1x30 8 Ply	\$650.00
24 5x32 10 Ply	\$775.00
16 9x34 6 Ply	\$270.00
18 4x34 6 Ply	\$310.00
18 4x34 8 Ply	\$335.00
20 8x34 6 Ply	\$479.00
20 8x34 8 Ply	\$510.00
23 1x26 10 Ply	\$600.00
23 1x34 8 Ply	\$689.00
11 2x38 4 Ply	\$147.00
12 4x38 4 Ply	\$175.00
13 6x38 4 Ply	\$185.00
13 6x38 6 Ply	\$205.00
14 9x38 6 Ply	\$224.00
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Top Bidder Pays \$1,225 For Grand Champion Shawl

HARRISBURG — National records were smashed to smithereens as Rich Brandt farm Real Estate of Reading, Berks County paid \$1,225 for the grand champion shawl during the Fifth Annual Pennsylvania Sheep to Shawl Contest, held at the Pennsylvania State Farm Show Wednesday night, Jan. 14.

Three thousand visitors cheered on as Brandt doubled the previous record of \$620, set by himself in 1985 and matched by Deb Bittenbender of Mechanicsburg, Cumberland County in 1986. Harry Bachman of Annville, Lebanon County served as shawl auctioneer.

Crafters of the winning 82-inch-long shawl were the Fiber Friends representing Schuylkill County. The team finished the champion shawl in one hour and 57 minutes. Team members included Barbara Blander of Ringtown; Kathleen Liddle of Pottsville; Barb Fessler of Tower City; Kathryn Otto of Jonestown and Allan Corman of Pine Grove.

The Fiber Friends, along with 9 other teams, had two and one-half hours to shear a sheep, spin the wool into yarn and loom an original design shawl to a minimum of 78 inches long and 22 inches wide. The Fiber Friends loomed an eight harness undulating twill shawl in shades of blue and creamy white, creamy white, creating a tapestry effect. They also took home \$150, a grand champion plaque and the travelling trophy.

The Fiber Friends were also honored by the 50 participating craftspersons with the "Team's Choice" award.

The second national record came quickly as Ray E. Hillard Jr., of Gossett Livestock Premises, Mifflintown, Juniata County paid \$900 for the reserve grand champion shawl, made by the Bobbin Bunch, representing Lehigh and Lancaster Counties.

Members of the Bobbin Bunch included Diane Huddleston of Macungie; Betsy Johnston of Bethlehem; Alice Gillespie of Danielsville; Jean Sattler of Easton—all Lehigh countians, and Jim Shearer of Mountville, Lancaster County.

Harrisburgers Kevin and Sue Ricker purchased the third-place shawl at \$125 from the Welsh Mountain Kindered Spirits representing Lancaster, Lehigh and Chester counties. The team made a Swedish Lace pattern shawl in spring shades of peach, blue, green and creamy white.

Team members included Louise Kramer of Elverson; Diane Bachman of Stevens; Tina Mickle of Denver; Mark Barbazon of New Tripoli and Amos Stolfus of Morgantown.

Darryl and Bev Breniser of N.H. Eby Inc. of Blue Ball brought the bidding back up, paying \$350 for the fourth-place shawl, made by the Barefoot Treaders from central Pennsylvania.

Representing this team were Mary Hubler of Hummelstown, Dauphin County; Peggy Schott of Lebanon; Berks countian Debbie Mikulac of Womelsdorf, and Lancaster countians Dean Zigler of Lititz and Bernie Walker of Manheim.

Pick-A-Way Spinners, representing the Berks County area, sold their fifth-place shawl to David and Mildred Schneider of Waverly, New York for \$200. This is the third shawl for which the Schneiders have purchased.

Butler County Pedalers, representing Butler County making a white-on-white shawl with floating block pattern, sold their sixth-place entry to Don and Rose Gallagher of Elizabethtown for \$200.

Auctioneer Sherman Allan of Conneaut Lake, Crawford County, purchased a Bronson Lace Weave shawl from the seventh-place Hill

and Hollow Handspinners of Huntingdon and Centre Counties for \$200.

Another \$200 bid came in from Rodger Gearhart of Lititz, Lancaster County, purchasing a shawl made by the Ewe-nique Spinners of Lancaster and Lebanon Counties.

The Spinning Woollettes of Berks and Lancaster Counties crafted an original twill design shawl in rich neutral colors of cream, taupe and black, using a silver fleece. Gus and Maryanne Crissman of Rocky Ridge Farm, Bradford, McKean County, purchased the shawl for \$200. This was the third shawl purchased for the Crissman's wardrobe.

The Wool Bags of Indiana County, designing a Swedish Lace shawl in hues of silver and pink, sold their creation to Dennis Grumbine, Myerstown, and Harry Bachman, Annville, representing the Lebanon Valley Auction Company. The pair then announced the shawl was being given to Mr. and Mrs. Ken Winebark and their new baby. Her husband, the new County Agent for Lebanon County, grew up in the town represented by the Wool Bags.

Not to be outdone, the bidding again gained momentum as 14 youth from the Butler County Cotton Tail Twister 4-H Club entered the ring with a cream and pale-pink shawl they cooperatively made as a demonstration during

the contest.

Cheers rang through the crowd as Bachman's gavel pounded at \$335. Auctioneer Sherman Allen of Conneaut Lake, Crawford County, was the successful bidder. Proceeds will pay for the 4-H's expenses to participate at the show.

Each team was judged on shearing, 5 points; team identification 5 points; speed, 5 points; spinning, 35 points (evenness, uniformity of three spinners); weaving, 20 points; and design, 30 points for a total of 100. Proceeds from the auctioned shawls were returned to each team.

Judging this year's contest were Catherine Creamer, teacher at Parson's School of Design in New York City and owner of "Creamer Textile Design," and Jacki Schell, owner of "Jacki's Handwoven Originals" in Lewistown, Mifflin County.

Bachman was serving his seventh year as volunteer auctioneer. He was presented a gift certificate for a Farm Show Champion leg of lamb from Fox's Food Markets, Inc.

The Pennsylvania Sheep to Shawl Contest is sponsored by the Pennsylvania Sheep and Wool Growers in cooperation with the Pennsylvania Department of Agriculture and the Pennsylvania State Farm Products Show Commission.

Tax Reform Act Reduces Business Tax Credits

UNIVERSITY PARK — Business tax credits are reduced and investment credits eliminated under the new tax laws. However, farmers will receive a special break on investment credits for 1987 only.

The Tax Reform Act of 1984 had combined investment credit with several other credits to form the general business credit. Prior to 1987 the general business credit earned by a taxpayer could be used to reduce tax liability by up to \$25,000 plus 85 percent of tax liability in excess of \$25,000. Unused credit for a taxable year could be carried back to each of the three tax years preceding the unused credit year and then could be carried forward to each of the 15 following tax years.

The Tax Reform Act of 1986 reduces the 85 percent limitation on the general business credit to 75 percent, effective for tax years that begin after 1986. Thus, the new limitation is \$25,000 plus 75 percent of tax liability in excess of \$25,000.

Investment credit is repealed for investments made after 1985. Any carry-forward of investment credit is reduced by 17.5 percent of the amount allowable in 1987 and 35 percent of the amount allowable in any year after 1987. The reduced amount may not be carried forward; it is lost.

Farmers may realize an unexpected benefit from carried-forward investment credit on their 1987 tax returns. A special provision of the new legislation permits qualifying farmers (defined below) to reduce their 1987 income tax obligation by up to

\$750 through a carry-back of the carried-forward investment credit. The amount carried back is treated as payment against 1987 income tax. The opportunity is available only on the 1987 return and the option must be exercised on a timely filed return.

The amount arising from the special carry-back provision that may be applied against 1987 income tax is the smallest of:

(1) 50 percent of the carried-forward investment credit

(2) The taxpayer's net tax liability for the carry-back period. This carry-back period begins with the 15th year preceding the first tax year from which there is unused investment credit included in the existing carry-forward, but not extending beyond December 31, 1961.

Example: First unused I.T.C. credit was for 1980. The carry-back period for determining net tax liability extends to 1965.

(3) \$750

To qualify for this use of carried-forward investment credit to reduce 1987 income tax, a farmer must have derived 50 percent or more of his gross income from farming during the three tax years preceding 1987; that is, during 1984, 1985, and 1986.

The amount of investment credit used in connection with the above special provision is deducted from the total amount of carried-forward investment credit. Consequently, the carried-forward investment credit subsequent to 1987 is reduced by the amount used in the carry-back provision.

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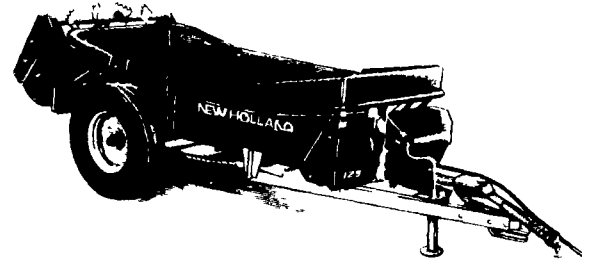


**GIGANTIC
SELECTION
IN
Lancaster
Farming's
CLASSIFIEDS**

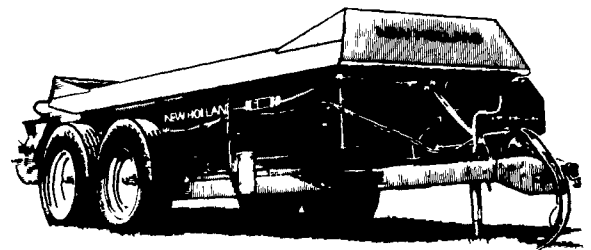
Strong Boxes FROM NEW HOLLAND

BUILT STRONG TO LAST AND GET THE JOB DONE FAST!

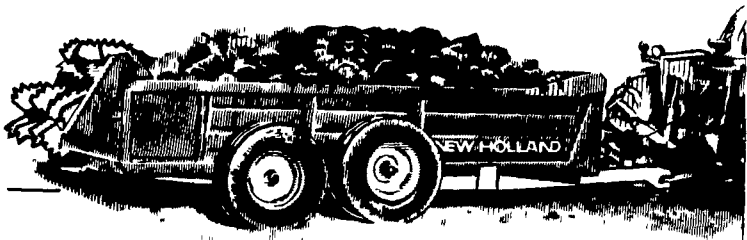
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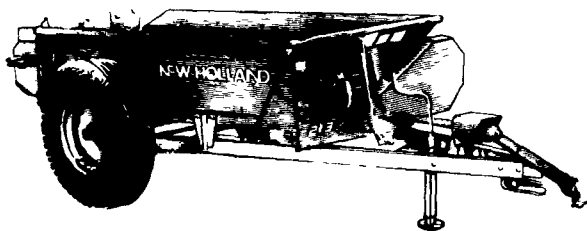
MODEL 329 138 BU



MODEL 680 287 BU



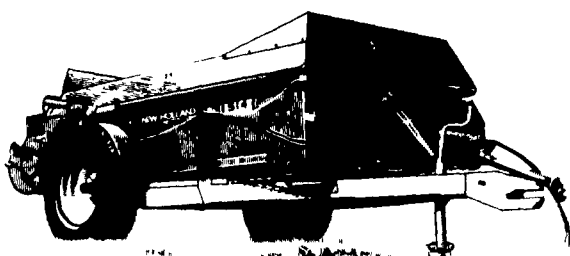
MODEL 791 360 BU



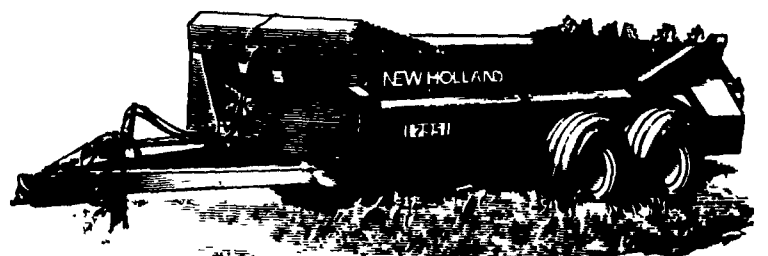
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V. George Carey Named Chairman of 1987 Delmarva Chicken Festival

GEORGETOWN, Del. — Sussex County farmer and Delaware State Representative V. George Carey has been named general chairman of the 39th Delmarva Chicken Festival. This year's festival will be held June 12th and 13th at the Milford High School, Milford, Del.

Carey, a lifelong resident of Sussex County, lives on a farm south of Milford with his wife of 38 years, Jeanette. They have three children, Dennis, Dale and Karen Carey-Wilkerson. Carey, the third generation of his family to farm the area, is president of Carey Farms, Inc., a diversified farm business of dairy cows, chickens, lima beans, peas, corn, soybeans, wheat, barley and hay.

Rep. Carey has served one two-year term in the Delaware House of Representatives. He began his second term in November 1986. He is chairman of the Natural Resources Committee and is a member of the Agriculture Committee and the Bond Bill Committee. His district includes the Lincoln, Ellendale, Milton, Slaughter Beach, Primehook Beach, Milford and Georgetown areas.

George Carey is a member of the Delmarva Poultry Industry, Inc., a past chairman of the Milford Southern States board of directors, a member of the Interstate Milk Producers Federation, a farm



V. George Carey

bureau member and a lifelong member of the Slaughter Neck United Methodist Church.

As festival chairman, Carey is responsible for coordinating a program which will include a parade, a trade show, entertainment, a poultry industry

display, the chicken capers, games for children, hot air balloon rides and, of course, the sale of chicken meals during the two days of activities. Working with Carey is the Chamber of Commerce of Milford, host organization for the

1987 event.

For further information on the Delmarva Chicken Festival, contact Delmarva Poultry Industry at (302) 856-9037 or the Chamber of Commerce of Milford at (302) 422-3301.

Fast Food Isn't Junk Food

MEDIA — Fast food is not junk food. Junk food has no nutritional value, but you can't say that about a Big Mac or a Whopper or any other fast food.

According to Maryetta Dorricott, Delaware County Extension home economist, they do contain important nutrients. In fact, the typical fast food meal of a burger, french fries and a cola has adequate amounts of protein, fat and carbohydrates.

What the typical meal lacks is

vitamins and calcium...but you can compensate for this with a milkshake, orange juice or a trip to the salad bar.

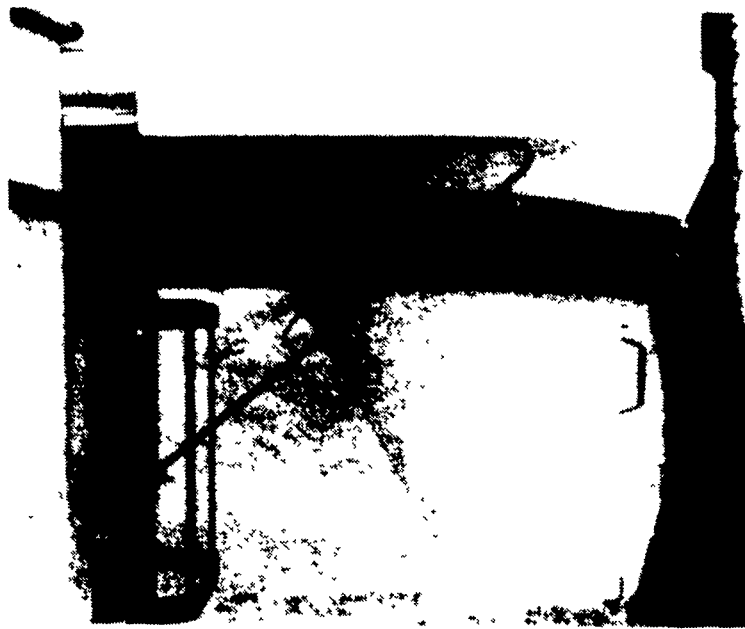
The real problem with fast food is not nutrients but calories; fast foods are loaded with them. That typical meal usually contains more than half of a person's daily needs.

There's no reason to feel guilty about an occasional fast food meal, as long as you keep those extra calories in mind and make up for the missing nutrients.

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Farm Women Societies

Lancaster Society 14

Members of Lancaster Society 14 held their first meeting of 1987 at the home of Arlene Eshbenschade Wednesday, Jan. 21. During the meeting, members sewed 36 small pads and 36 large pads for the Cancer Society.

Lunch was prepared by committee members Elma Barge, Hannah Brackbill, Edna Groff and Mildred Horn. Following lunch new president Esther Landis conducted a business meeting.

The devotional meditation was a challenge for the new year led by Elma Barge. For roll call, members gave their maiden name and their mother's maiden name.

The treasurer reported that the society sent \$210 collected at the Christmas banquet to World Vision.

Caroline Stoltzfus reported on calcium intake, discussing its importance and offering tips on when to take it.

Members voted to submit the Cancer Society as an idea to be considered for the county project.

Members who represented Society 14 at the state convention during Farm Show shared highlights of the meetings for those members who did not attend. Reporting were Viola Hostetter, Hannah Brackbill and Gladys Eshbenschade.

Miriam Leaman gave a book report on "The Quilters." Members were pleased with the choice since interest in quilting runs high in the group.

The dairy princess and the poultry queen will give presentations at the next meeting.

Berks Society 6

Members of Berks Society 6 met recently in the home of Mrs. Earl Hoffman, R1 Oley, with 14 members present.

Members have given their support and donations to a member whose husband passed away suddenly.

Mrs. William Hartman and Mrs. Richard Schlegel attended the

state convention held during Farm Show in Harrisburg. Mrs. Hartman entered a wool sweater she made for the craft contest and received the Best of Show Award at the banquet.

The society made a donation to the Cancer Society for 1987.

The next meeting will be held Feb. 17 at 8 p.m. in the home of

Cornell Extension Associate Addresses NY Cattlewomen

ITHACA — The New York Agriculture in the Classroom project would do much to inform "an agriculturally illiterate society," Betty Walanyk, extension associate at Cornell University, told the New York Cattlewomen at their annual convention Jan. 10 at the Sheraton Inn here.

She said the program is designed to develop an awareness of the state's agriculture and an appreciation of how it affects all aspects of the economy.

"Our society has changed drastically since the World War II period when 35 per cent of the population was involved in food production and many more had vegetable gardens and one or two farm animals," Ms. Walanyk explained. "Today's textbook writers have no agricultural background and our students are not learning about agriculture the way we did."

She also noted the farm image "portrayed day after day on television commercials is not an accurate picture and does not reflect today's highly technological, capital-intensive agriculture — a concept that the American public is not very comfortable with."

She explained the need for consumers who are better educated about agriculture, who would have a greater understanding of political issues "when they make voting booth decisions." She also emphasized a second need for better information about agriculture, saying young people are not given intelligent career choices.

Mrs. Harold Snyder, R1 Oley.

Before the meeting closed, the president read the bylaws.

She noted, "There are 60,000 positions in agriculture to be filled in the state each year with at least 12,000 of these positions unfilled or filled by unqualified persons."

Despite these existing career opportunities, two year agricultural, and many four-year agricultural, colleges are experiencing marked loss in ag student enrollment, she continued, calling for high school guidance counselors who are better informed.

She then outlined the "Ag in the Classroom Program" which was initiated in 1981 by the United States Department of Agriculture to develop a resource guide and make materials available to teachers. The New York State Department of Education adopted its "New York Agriculture in the Classroom" program for the

elementary school level, beginning the project in 1983 with the goal of providing materials for grades four through six.

Ms. Walanyk demonstrated the curriculum materials developed in each of the three "mini-textbooks" which combine materials for social studies, language arts, math, and science. Three counties, Yates, Broome and Onondaga, have been selected as pilot areas for the program with materials to be available next fall.

Ms. Walanyk called on the New York Cattlewomen to help provide a support network for the teachers and urged them to keep informed about the program and to tell others of the need for a better informed public to counteract the "agricultural illiteracy of the current generation of school children."

Prevent Plant Damage Caused By Careless Snow Removal

FLEMINGTON, N.J. — Snow and ice and some ways of dealing with them can be hazardous to the health of outdoor plants.

The detrimental effects of deicing salt can be seen most dramatically in spring along roadways lined with evergreens. A whole row of trees with the bottom portion browned out is clear evidence of salt's damaging effects.

At home, grass, ground covers, shrubs and trees along sidewalks and driveways can suffer similar damage if too much sodium or calcium chloride is used to remove ice. A safer alternative material for melting ice is a garden fertilizer like 5-10-10. The nitrogen fertilizer urea is also effective.

Fertilizer can be hazardous at a rate of

10 pounds per 100 square feet; mixing the fertilizer with sand will provide traction. Keep in mind however, that excessive fertilizer can also damage plants.

A thick natural blanket of snow is not usually a problem for low growing plants, but an extra load added by the snow blower or shovel can physically injure them. Be aware of where you pile all that snow from walks and driveways.

The weight of snow and more especially, ice, can damage trees and shrubs, particularly evergreens and structurally weak plants. Broken branches and leaning trees will have to be dealt with when the weather permits. Trying to work with frozen plants may injure them further.

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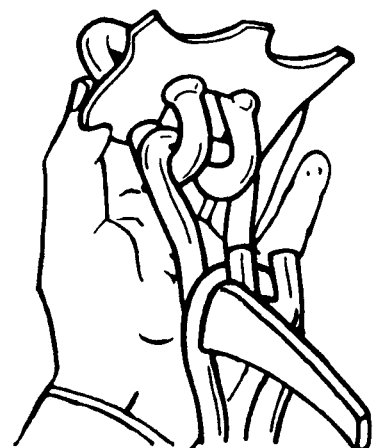
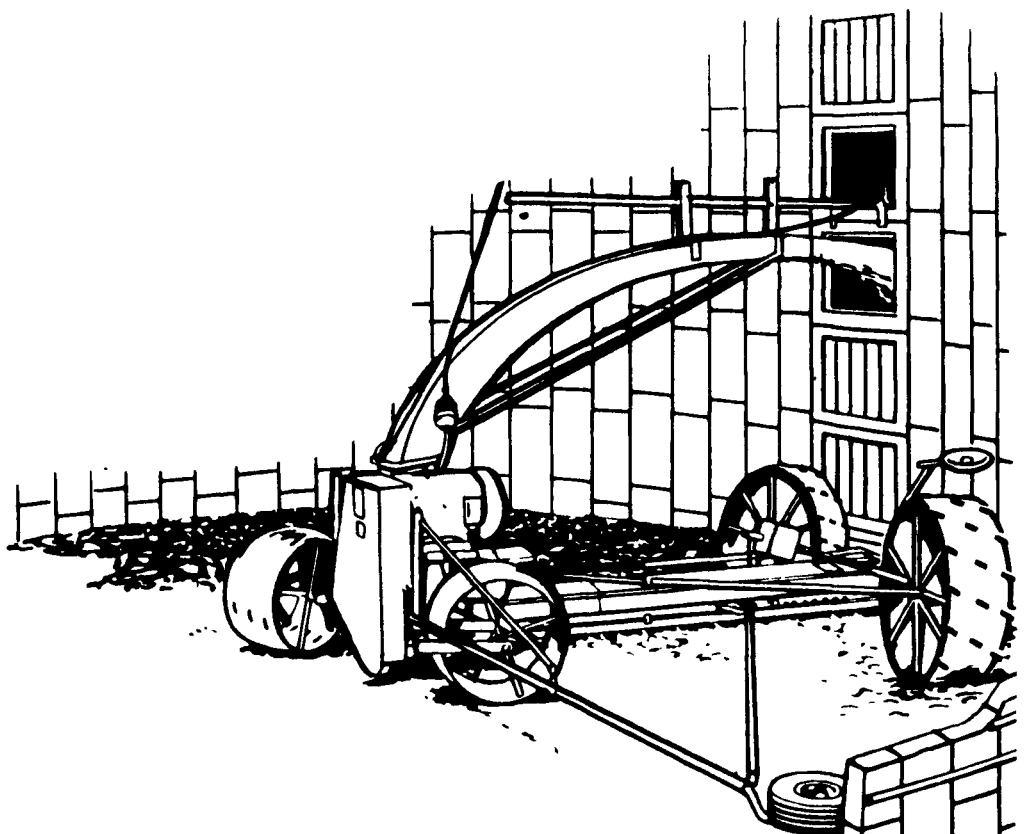
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New FDA Labeling Requirements Mean Added Safety For Asthmatics

UNIVERSITY PARK — Asthmatics who are trying to avoid sulfite-treated foods will have some help beginning this month, when the Food and Drug Administration starts requiring labels on those foods.

Sulfites, which are used in some foods and alcoholic beverages as preservatives, can cause allergic reactions ranging from mild to severe, according to Manfred Kroger, professor of food science in Penn State's College of Agriculture. People with asthma

are particularly at risk, especially those who are taking steroid drugs to control their illness. Other people need not be concerned, he said.

Under the new FDA regulations, which took effect Jan. 9, processed foods that contain 10 parts per million or more of sulfites will have to identify sulfite in their ingredient listings.

As of August of 1986, fresh fruits and vegetables (with the exception of potatoes) cannot be treated with sulfites, Kroger said.

Sulfites commonly had been used on salad bars to keep vegetables fresh and unwilted. However, even with the new ban on sulfites in fresh produce, consumers should be aware that other items on salad bars such as potato salad, canned vegetables and fruits, pickled vegetables, pickles and olives may still contain the chemicals.

Only recently have scientists become aware of the allergic reactions sulfites can cause, Kroger said. "It is said now that

about 10 people have died because of sulfites that were used in restaurants," he said. "The first death was recorded only two years ago. Even in the 10 cases we now have, the causes of half of them are disputed."

More commonly, sulfites cause allergic reactions such as difficulty in breathing and hives. Almost always the person affected has asthma, Kroger said. Estimates of the number of asthmatic Americans range from 180,000 severe cases up to 10

million, of whom about one million may be sensitive to sulfites to some degree.

Not every sulfite-containing product has been regulated so far, Kroger said. Potatoes are not under the current ban on fresh products, but probably will be added this year, he said. Sulfites are also found in beer, wine, cocktail mixes and wine coolers. The Bureau of Alcohol, Tobacco and Firearms plans to issue labeling regulations for them later in 1987, Kroger said. Alcoholic beverages are not regulated by the FDA.

As many as 1,100 medications also contain sulfites. "Ironically, even some asthma medications contain sulfites," Kroger said. Other drugs that could contain them include anti-nausea medicine, painkillers, antibiotics and steroids. Most are intravenous or spray-type products; very few are oral medications. The FDA already requires lists of all ingredients on injectable prescription products, and is expected to write regulations for drugs prescribed for oral use this year.

Kroger said many people who are allergic to sulfites don't know it. Their reactions to the chemicals could depend on the food they are eating, the dose of sulfite and the allergic state they are in at the time, he said.

More so than others, people with food allergies and sensitivities must know their body reactions, read food labels and learn about what's in the food they eat, Kroger said.

Delaware 4-H Horse Expo Set For Feb. 14

NEWARK, Del. — The fourth annual Delaware Horse Expo set for Saturday, Feb. 14, at the Hartly Fire Hall will include an all-day educational program, a used tack and equipment sale and an arts and crafts contest with a horse

theme.

Sponsored by the Delaware 4-H Horse Advisory Committee and the Delaware Cooperative Extension System, the event is scheduled from 8 a.m. to 4:45 p.m. Club, breed and commercial exhibits

will be included.

The Horse Expo is open to anyone interested in horses as a hobby or a career and in horseback riding as a form of recreation or competitive sport.

The Expo morning session will include talks on nutrition, signs and treatment of colic, hunter equitation and the management and sale of horses.

During the lunch break, from 11:45 a.m. to 2 p.m., a "Horse Bowl" patterned after the "College Bowl" program will be held. Teams made up of youth groups such as 4-H, Pony Club and FFA will answer horse-related questions.

The afternoon session will include a discussion of taxes and horsemen, breaking and training the young horse and hay and pasture management. The day-long program will conclude with a talk titled "Why Own a Horse" by

Jay Mele, a trainer and breeder of paint and quarter horses in Whitinsville, Mass.

Used tack, show clothing, boots and other equipment in good repair will be offered for sale throughout the day. Prizes in various age categories will be awarded in the arts and crafts contest, which will include fine arts and photography. Some of these arts and crafts will be offered for sale.

Pre-registration for the all-day event is \$2 for youths and \$5 for adults. Registration at the door will be \$3 for youths and \$7 for adults.

To register, send a check payable to the Delaware 4-H Horse Advisory Committee to the State 4-H Office, Townsend Hall, University of Delaware, Newark, DE 19717-1303.

For further information, contact the state 4-H office at (302) 451-2509.

Cattlemen Honor Debbie Mather

ITHACA, N.Y. — Debbie Mather of Marcellus was named "Cattlemaster of the Year" Jan. 10 during the annual convention of the New York cattlemen at the Sheraton Inn here.

She was cited for her years of service to the New York Cattlemen, including serving as secretary/treasurer for six years as president in 1984 and 1985, and currently as recording secretary. She was chairman of the 1986 Empire Farm Days Beef Barbecue, and with her husband, Jim, was co-chairman of the same fund raising project for the New York Cattlemen and the New York Beef Cattlemen's Association from 1981-1983. She was also chairman of the Cattlemen's State Fair exhibit for four years.

She is employed as an aide at the Marcellus Central School. Her husband is a beef and dairy farmer and the family also raises horses, which they show at the county and state fair. The couple has four children, Kristy, Andy, Jeff and Amy.

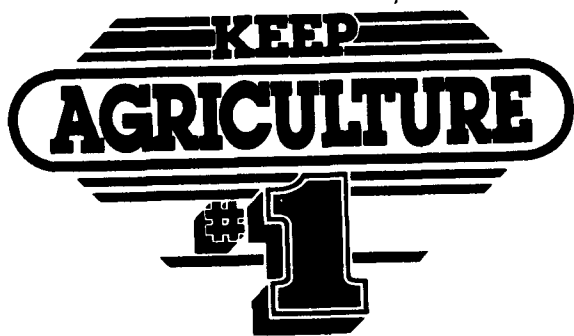
The New York Cattlemen heard reports of the many 1986 activities and made plans for 1987 projects. Mrs. Eleanor Carlson of Wyoming was named chairman of the New York Beef Recipe Contest

and will announce details of the competition soon. Mrs. Irene Andersen of Long Eddy will be chairman of the annual Beef For Father's Day promotion.

Lisa Hauman of Penn Yan will serve a second year as Beef Ambassador. She was given a \$50 savings bond in appreciation of her work as Ambassador for 1986.

Elaine Swiler of Cameron was named the Cattlemen's delegate to the New York Farm City Council annual meeting Jan. 30 at Cortland. New York Cattlemen president Eldora Benson of Potsdam will attend the annual meeting of the American National Cattlemen in Denver later this month. She has been named chairman of the Region I consumer relations committee.

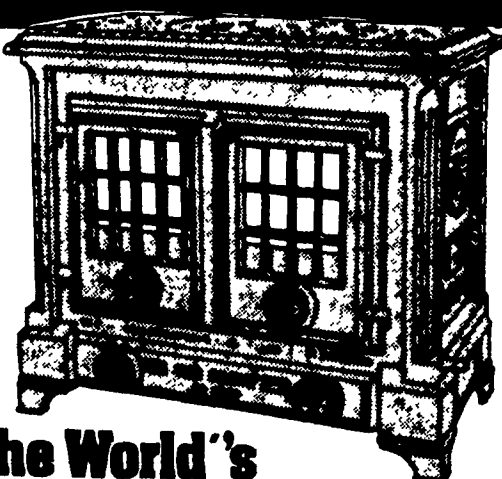
Emphasis this year will be placed on encouraging membership of all women involved in the state's beef industry. "Our dues are only \$3 a year but we do need membership numbers if we are to do an effective job in consumer education and product promotion that will benefit all producers," Mrs. Benson said. She said 1987 dues of \$3 should be sent to Fay Briggs, CR 210, Deposit, N.Y. 13754.



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Franklin County DHIA Monthly Report

December 1986

Name	Breed	No. Cows	Lbs. Milk	Lbs. Fat
Oakleigh Farm		3	117	21,127
RV & SV Hollenshead	B3	102	22,360	806
Rich Harshman & Son		3	77	21,571
Long Lane Holstein	B3	12	20,503	785
Keith & Margret Clark		3	43	21,831
Howard & Steve Mellott		3	43	21,831
Jaye & JC Young Jr	B3	113	20,964	772
Alvin Meyers		3	63	20,344
Edwin R Eby		3	55	20,076
Wayne A Hall		3	58	20,496
Frank S Heberlig		3	39	20,090
Roger Beck		3	35	20,226
Ray & Roger Garber		3	76	17,817
John A Witmer		2	59	14,906
Robert H Eckstine	B3	38	20,341	716
Hamilton Height Fm		3	45	19,245
Carl O Stuff	B3	166	19,522	709
Lawrence Lehman		3	52	19,657
Clinton Stahl	G3	65	18,588	707
Lester D Fortna		3	69	19,043
Mark W Meyers		3	33	18,416
Keeners Dairy		3	88	19,520
Walter N Ocker	B3	119	17,946	697
Harold Hoshorn		3	43	19,538
Mike Flannery	G3	76	18,897	687
Rodger T Kennedy	B3	76	19,241	687
Gaymere Farms	B3	66	19,448	687
Aldus Eby		3	187	18,350
R Cordell & J McKenzie	B3	55	20,174	685
Ro-Mar-Co-Hositeins	B3	123	18,551	684
Virgil-Daryl Crider		3	29	19,678
Mark D Garber	B3	101	18,530	682
Robert E Harwood		2	17	14,069
Raising Kane Fm		3	104	18,839
Jas & Nina Burdette	B3	41	17,298	678
		3	60	17,782
				675

Listed below are completed lactations of 875 pounds of fat or over.

Edwin R Eby	58	3	4-04	305	28,878	4 1	1190
Howard & Steve Mellott	13	3	3-11	305	28,693	4 0	1140
Richard Harshman & Son	Magic	3	4-03	305	23,188	3 2	1118
Clinton Stahl	24	3	4-06	305	23,580	4 3	1020
Richard Harshman & Son	Erim	3	3-03	305	25,011	4 0	998
D B Wilhide & Sons	Mitze	3	7-00	305	25,476	3 9	981
Long Lane Holstein	Molly	3	6-01	299	26,781	3 6	974
Oakleigh Farm	Penstar	3	5-03	305	26,522	3 7	973
Harold Goshorn	140	3	6-03	305	23,141	4 2	964
Rodger T Kennedy	120	3	3-04	305	23,989	4 0	962
Richard Harshman & Son	Lizzie	3	6-03	305	26,084	3 6	933
Oakleigh Farm	Polly	3	4-03	305	25,565	3 6	933
Kenneth Mellott	Faith	3	8-11	305	19,768	4 6	917
Keith & Margret Clark	Bessie	3	4-04	305	28,907	3 2	912
Keeners Dairy	63	3	5-04	305	20,722	4 4	904
Virgil-Daryl Crider	3	3	5-03	305	19,865	4 5	903
Virgil-Daryl Crider	30	3	4 10	305	20,392	4 4	900
John D Long	Tilda	3	4-04	305	21,719	4 1	896
Frank S Heberlig	43	3	4-05	305	26,959	3 3	895
H C Gabler	1920	3	9-09	305	21,585	4 1	895
Edwin R Eby	22	3	5-00	305	21,740	4 1	890
Oakleigh Farm	Dotty	3	6-07	305	21,648	4 1	879

JUNIATA COUNTY DHIA December 1986

Records were calculated for 5,145 cows in 96 herds for the December report of the Juniata County DHIA. The 10 highest Rolling Herd Averages for the most recent 12 months of production are.

Owner	Breed	& Days in Milk	Milk Lbs.	Fat Lbs.
Rick & Ralph Saner		49H	87 3	23,659
Barry & Barb Lucas		47H	85 9	21,951

Lancaster Farming, Saturday, January 31, 1987-B19

Mark L Zook	56H	90.2	20,418	762
Chriss & Trish Nipple	37H	89.4	20,282	746
Harold B Shearer	37H	89.0	20,688	722
Roy & Glen Henry	54H	87.4	19,235	721
S F Metz	85H	86.8	19,628	713
Daryl & Del Brubaker	74H	87.7	20,087	709
Charles Wochley	63H	86.6	18,728	708
John L Van Horn	42H	89.0	17,558	703

Over 400 cows completed records of 305 days or less. One of these cows produced over 900 pounds of fat; 10 produced over 800 pounds, 43 produced over 700 pounds; 79 produced over 600 pounds; and 102 produced over 500 pounds. Dairy cows which completed lactations with an average butterfat of 850 pounds or more are listed below.

Barry & Barb Lucas	120		24,557	917
David K Deamer	Mai 37		17,190	881
Daryl & Del Brubaker	43 Luell		24,363	872
S F Metz	Glenda		21,974	865
Richard B Crawford	362		23,492	851

Carroll-Baltimore County DHIA December, 1986

Maple Lawn Farm Inc., Fulton, Md., had the herd with the highest average for the month of December according to figures just released by the Carroll-Baltimore Dairy Herd Improvement Association.

During the month of December, 98 dairymen in Carroll-Baltimore counties participated in this program. Listed below are the top ten herds based on their herd averages over the past year.

Owner	No. Cows	Milk	Fat
Maple Lawn Farm	150	21,826	788
(C E Jager & Son)	352	20,917	768
Marlin Hoff	85	20,460	751
Rose Croft Ltd	133	19,961	710
Edrich Farm	110	19,435	708
Joseph Schwartzbeck			
Unicorn Associates			
(Powel and Bendig)	92	18,462	699
Flint Hill Farm			
(Edgar Schaeffer)	54	19,568	696
Del-Myr Farm			
(Roger and Jeff Myers)	43	19,408	691
Harry Roach III	80	17,759	680
Windsor Manor Farm			
(Jason and Donna Myers)	47	19,466	677



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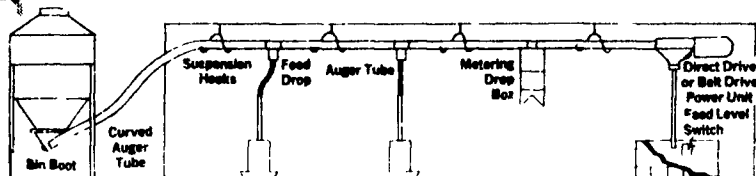
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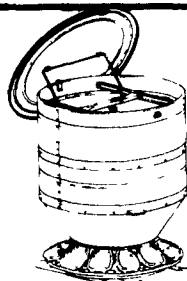


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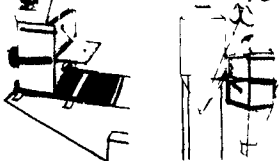
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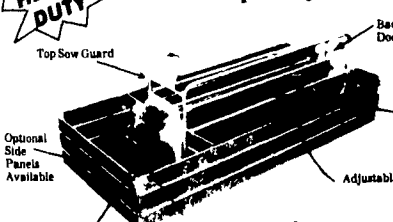
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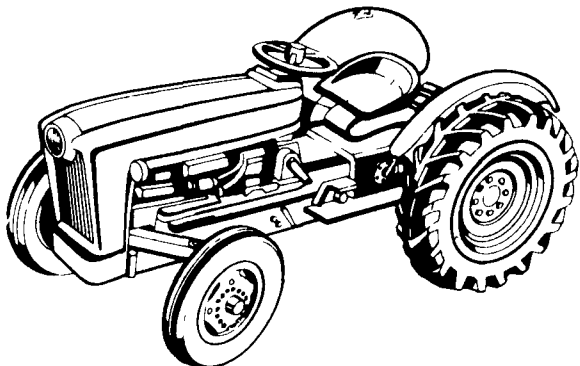
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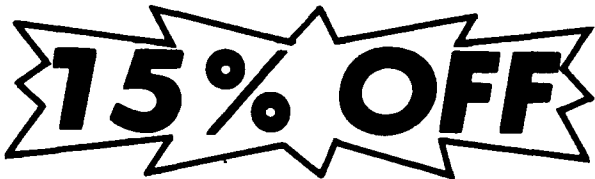


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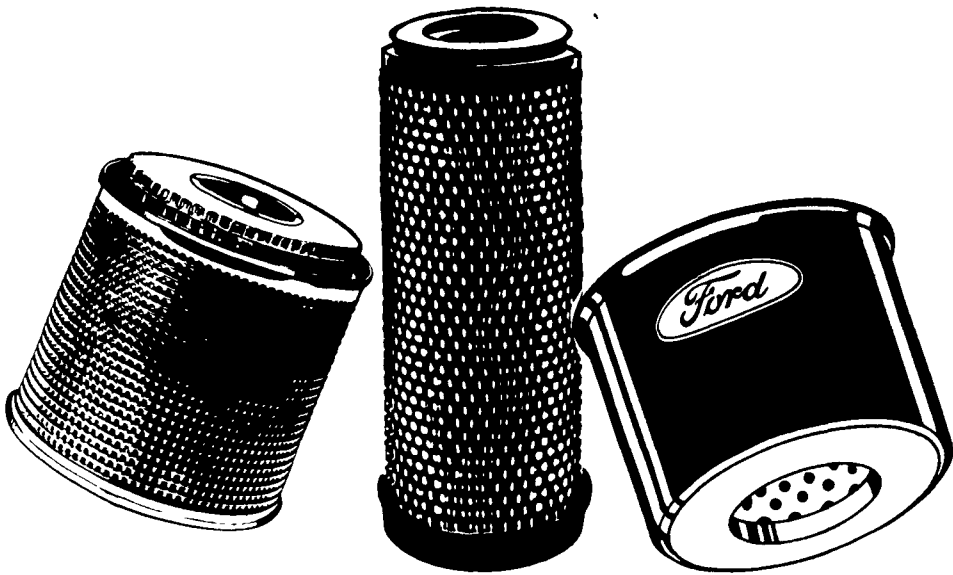


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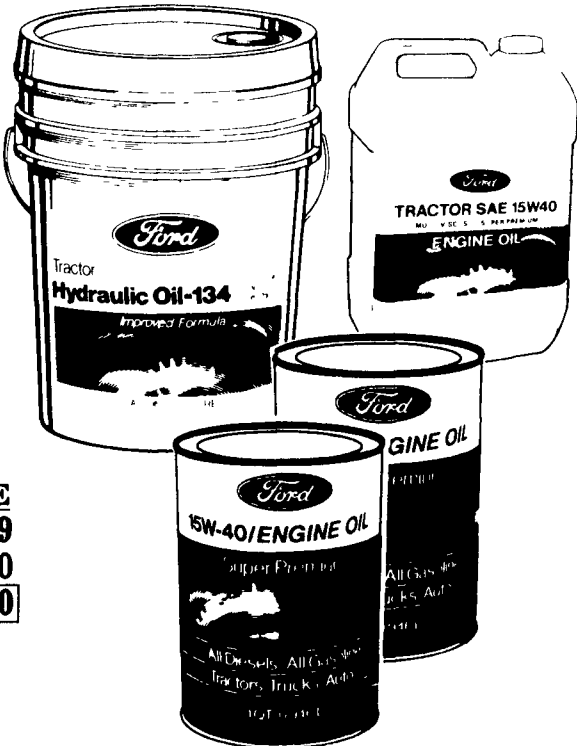
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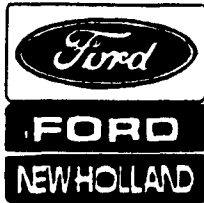
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- (2) 55 Gal. Drums **\$50.00** ea.
- (3) Cases of (24) Qts. **\$5.50** ea.

(1) FORD SEAT

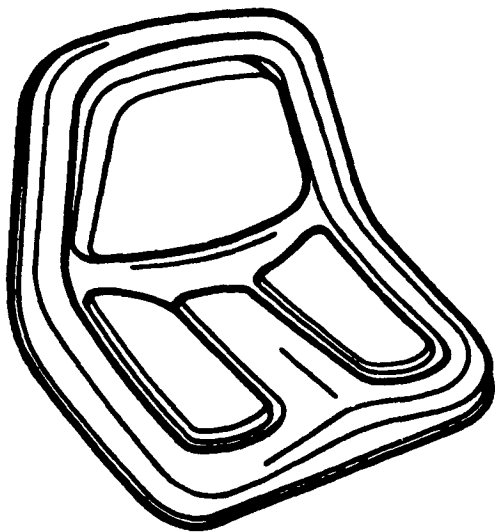
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- Fits 8000-9000 Tractors

\$85

FORD ECONOMY REPLACEMENT SEATS

#251054

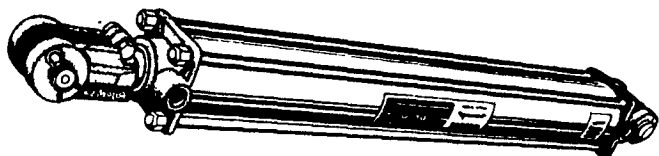


Fits Most Ford Tractors
From 1939 On

**OPEN HOUSE
SPECIAL**

\$39.95

REMOTE CYLINDERS



MPP 30TB08 3"x8" Cylinder

*Large
Inventory*

Reg. Price \$68.95

SALE PRICE \$54.95

HI-TEST LOG CHAIN

3/8" x 14' Length

Reg. \$28.89

SALE PRICE \$24.95



(1) BTC 100

PRESSURE WASHER

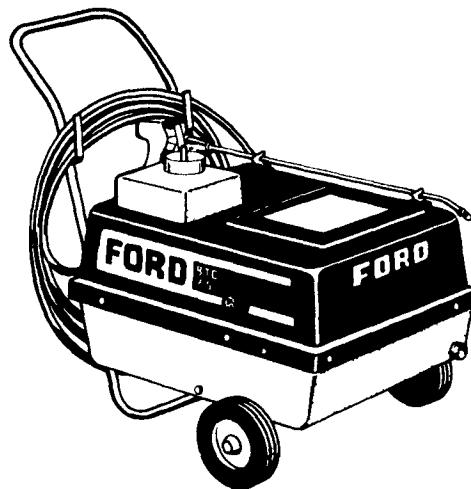
- 1 H.P. Motor
- 2.1 GPM at 600-650 PSI

\$550

(1) BTC 65

PRESSURE WASHER

- 5/8 HP Motor
- 1.8 GPM at 500-550 PSI



\$250

(1) CH 500A AIR COMPRESSOR

- 1/2 H.P. Motor
- 7.5 Gal. Tank
- 100 PSI

\$175

SOFT-SIDE CABS

- (1) HMC 5153 Cab Assembly
Fits 3400-3500-3550-335

\$75

- (1) HMC 5143 Cab Assembly
Fits 9N - 2N - 8 N

\$75

- (1) HMC 5140 Cab Assembly
Fits 8000 - 9000 - 8600 - 9600

\$100

- (1) HMC 5151 Cab Assembly
Fits 5100 - 7100 - 5600 - 6600 - 7600

\$75

* 10% OFF Or Greater On Advertised Specials

Parts Special Pricing In Effect Week Of Feb. 2-7 Only

KELLERBROS.
SINCE 1921 TRACTOR CO. 1921

Rt 419 between Schaefferstown and Cornwall,
Lebanon County, Lebanon, PA 17042

717-949-6501



HELP US CELEBRATE OUR

ENTERTAINMENT

**THURSDAY,
FEBRUARY 5th**

7:30 P.M.

Beautiful Nature Slides

"Almost Paradise"

**Presented By
Glenn Eshelman**

**FRIDAY, FEBRUARY 6th
7:30 P.M. Until??**

**5th ANNUAL
PEDAL TRACTOR PULL*
In Our Shop**

TROPHIES For 1st and 2nd Place Winners

Gift For Each Puller



**ALL BOYS
AND GIRLS
AGES 3 TO 10
ARE
ELIGIBLE**

**Four Group
Pulling Ages:**

- 3 & 4 Yrs.
- 5 & 6 Yrs.
- 7 & 8 Yrs.
- 9 & 10 Yrs.

*** We Provide The Tractors - All
You Need To Do Is Come And
Have Fun**

FUN FOR THE WHOLE FAMILY

SATURDAY, FEB. 7th

**SECOND ANNUAL SALE
of
USED TRACTORS & EQUIPMENT
10:00 AM**

**This Is An Absolute
Auction Of A Select
Group Of New And
Used Tractors, Equipment
And Lawn & Garden Items.**

You Won't Want To Miss This Auction

FINANCING AVAILABLE

OPEN

KELLER

SINCE TRACOR

717-949-6

Rt. 419 Between Schaefferstown & C

Thurs., Feb. 5th &

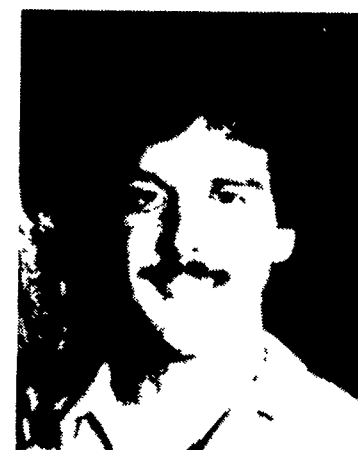
9 A.M. TO P



Nothing Limit



Leonard Schott



Charles Keller



David Keller

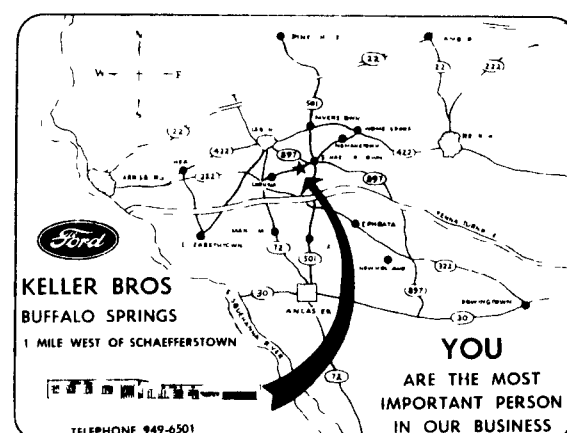
KELLER BROS. SALE

We'll Be Giving Our

Call Our Sales Department

- PARTS
- SERVICE
- TRACTORS & EQUIPMENT

Save On



CUSTOMER APPRECIATION DAYS

HOUSE

BROS.

OR CO. 1921

9-6501

rs & Cornwall, Lebanon County

& Fri., Feb. 6th

P.M.

KUBOTA

it on earth.™



Richard Stauffer



Vernon A. Myer

SALE REPRESENTATIVES

Our Best Deals Ever!

Department For Details!



SAVE

On Certified Service

SAVE 10% On Service

SAVE 10% On All Parts & Labor On Any Work Booked During Open House

FREE HAT

On Any Service
Work Booked
During
Open House



Kubota can help meet the needs of all ages!

OPEN HOUSE SPECIALS

- New YT16 Ford Yard Tractor
Reg...\$2,798 **SALE...\$2,095**
- New 1110 Ford w/Belly Mower,
One Only **SALE...\$6,500**
- New Kubota B-6100 HSD w/Mower,
14 H.P. Diesel, One Only **SALE...\$5,995**
- New Kubota B-5200 E w/Mower,
13 H.P. Diesel **SALE...\$6,200**
- Country Line Bale Wagon w/8 Ton
Electric Gear, Limited Supply **SALE...\$1,775**
- 8 Ton Electric Running Gear **SALE...\$625**
- Post Hole Digger w/12" Auger, 3 Pt.
Hitch. Reg...\$450 **SALE...\$295**
- Precision Laboratory Foam Marker,
Only 4 Left Reg...\$1,056 **SALE...\$725**
- Demco 300 Gal. Sprayer w/Floating
Boom **SALE...\$3,295**
- Howard Paraplow, 4 Shank, Demo Unit
Reg...\$7,514 **OPEN HOUSE ONLY...\$5,000**

While Present Supply Lasts!



KUBOTA M SERIES TOY TRACTOR

With Cab 1/20 Scale

Reg. Price...\$29.75
OPEN HOUSE PRICE \$25.75

KUBOTA FILTER PACKS

• **B SERIES #70000 - 15105**

Fits B5100 - B7100

B6200 - B7200

List Price...\$17.60

OPEN HOUSE PRICE \$14.95



• **G SERIES #470000-15110**

Fits G3200, G4200

G5200, G6200

• **L SERIES #70000 - 1500**

Fits L175, L185

L225, L245

List Price....\$17.60

OPEN HOUSE PRICE \$14.95

List Price...\$18.90

OPEN HOUSE PRICE \$15.95

ALL THE BEST PARTS.



We have all the best parts for a Kubota tractor. Because they are genuine Kubota parts, made to the same exacting standards as our tractors. There are filters, belts, batteries, seals, bearings, mower parts, paint or just about anything else you might need. And in our service department, you'll also find some of the best mechanical troubleshooters around.

So while your Kubota tractor may not require parts or service very often, when it does check with us. And there's something else that may be the best part of all. Our prices are very reasonable.

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• Orange Spray Cans
 #70000-00196.....**\$3.15**

• Blue Spray Cans
 #70000-00197.....**\$3.10**

• Orange Quarts
 #70000-00198.....**\$9.35**

• Blue Quarts
 #70000-00199.....**\$8.20**

• Orange Gallons
 #70000-00201**\$25.50**

• Blue Gallons
 #70000-00200**\$23.50**

• Beige Spray Cans
 #70000-00195
 For G Series.....**\$4.95**



Keep it like new!
 • Don't let faded paint or bare spots reduce the value of your Kubota equipment
 • High quality resists fading and improves appearance
 • Available in aerosol, quarts and gallons

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Neil Boyer, Parts Manager

KUBOTA PARTS 10% OFF

Tiller Tines

Belts

Filters

Mower Blades

Seat Covers

Batteries

MISCELLANEOUS WORK LIGHTS

For Tractors Available

PRICED FROM \$10 - \$20

We Will Ship Your Parts

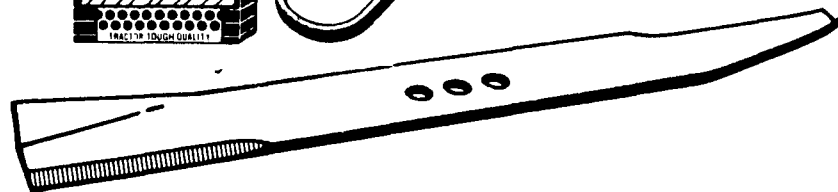
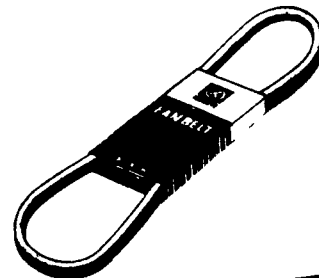
Via UPS

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We Have The Service, The Parts And The Knowledge...So Why Go Elsewhere?

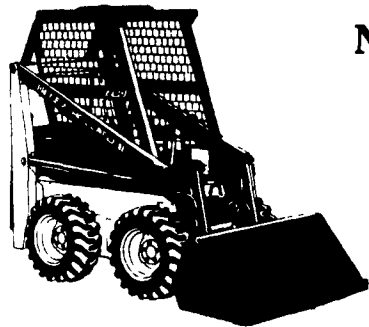


R7 Lebanon, Pa. 17042
 Rt. 419 1 mile West of Schaefferstown, Buffalo Springs
 Lebanon County 717-949-6501



NEW HOLLAND TOYS

	Reg.	SALE
• ERT 319 Bale Throw Wagon	\$11.35	\$10.22
• ERT 320 Skid Steer Loader	\$22.95	\$20.65
• ERT 318 Square Baler/Thrower	\$19.95	\$17.95
• ERT 323 Grinder Mixer	\$15.95	\$14.35
• ERT 9397 1913 Model T Delivery Van	\$11.95	\$10.75
• TR 85 Combine	\$25.00	\$22.50
• 940 Square Baler	\$8.50	\$7.65



New Holland Special Edition Skid Steer Loader

Reg. Price	\$39.95
SALE PRICE	\$34.95

CLEARANCE ON NEW HOLLAND BALER TWINE

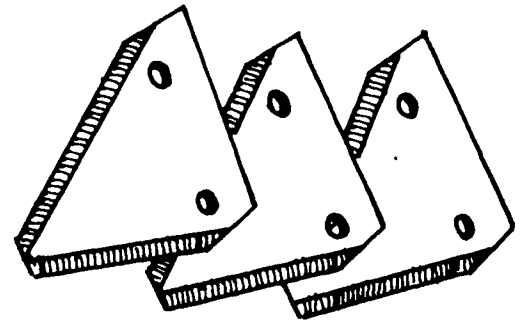
- 55 Bales N.H. Natural Fiber Baler Twine
#9, 9000 Ft.
\$14.95 per bale
- 40 Bales NH Natural Fiber Heavy Duty Baler Twine,
7200 Ft.
\$14.95 per bale

MISCELLANEOUS PARTS FOR FINAL CLEARANCE

- (1) Lot Dearborn - Wood Bros. Corn Picker
Parts
- (1) Lot Brady Field Cultivator Parts
- (1) Lot Wisconsin Engine Parts
- (1) Lot Lamco Wagon Parts
- (1) Lot Mohawk Chisel Plow Parts
- (1) Lot Ontario Grain Drill Parts

**Pickup One Or Two Items, Or
Buy The Whole Lot!**

MOWER SECTIONS



	Reg.	SALE
• NH Knife Sections #29875	55¢	40¢ ea.
• NH Haybine Guards #219191	\$8.65	\$6.50 ea.
• NH Rake Tines #64562	85¢	60¢ ea.
• NH Rubber Mtd. Rake Tine, #65668	\$3.35	\$2.50 ea.
• NH Knife Assembly #648003	\$109.90	\$89.95
• NH Knife Assembly #648835	\$93.30	\$79.95

We Have New Holland Paints In Stock

RED YELLOW BLACK
NEW YELLOW

- Spray Cans
 - Quarts
 - Gallons

NEW HOLLAND SHEAR BOLTS/NUTS

• #39716	25¢ ea.
• #46520	25¢ ea.
• #58118	25¢ ea.
• #633169	25¢ ea.

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Week Of Feb. 2-7 Only



R7 Lebanon, Pa 17042
Rt 419 1 mile West of Schaefferstown, Buffalo Springs
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Dauphin County DHIA Monthly Report

December 1986

John Hertzler's 4-year-old cow finished her lactation with the highest fat production in Dauphin County during the December DHIA testing period. In her most recent lactation she produced 26,463 pounds of milk and 1,007 pounds of fat.

Owner	Brd.	No. Cows	Lbs. Milk	Lbs. Fat
Restful Acres	3	110	4	20,765
Roy M Brubaker	3	89	1	19,565
Catalpa Farms	3	144	8	19,587
Alwine Farms	3	85	6	19,219
Wilmer Campbell	2	62	7	15,638
John Hertzler	2	80	5	18,950
Crissinger Dairy Farm	3	88	4	18,321
Robert H Beach Jr	3	49	8	18,853
Elwillo Farms	8	140	8	17,551
Robert J Schaffer	3	63	7	18,184
Great View Farms	3	51	1	17,297
J Melvin Brandt	3	71	0	17,260
Wil-Lene Farms	3	82	2	18,140
Lauden Farms	3	198	2	16,759
Terlin Farms	2	63	1	12,844
Paul E Clugston	3	106	1	16,868
Stoney Lawn Farms	3	90	3	16,214
Lytte Farms Inc	3	105	0	17,004
Larry L Boyer	3	32	2	17,272
Mahlon L Lehman	3	58	5	15,741
Stanley R Long	3	100	5	15,691
Sycamore Meade Farm	1	75	8	14,363
Walter Schaffer	3	20	5	14,107
Pleasant Hill Farms	3	68	2	15,705
Dale F Faust	3	46	1	16,969
Conewago Farms	3	34	4	14,862
Arthur Brandt	3	96	3	15,116

Sher Mar Acres	3	79.0	15,028	545
Dauphin-Way Farms	3	45.2	15,282	536
Al-Ty Farms	3	50.4	14,876	529
Donald Miller Deemar	3	51.1	14,605	527
Samuel K Lapp Jr	3	43.4	15,508	525
Seven Springs Dairy	3	45.1	16,265	522
Jay K Brackbill	3	43.9	15,443	522

The following cows completed 305 day lactations during December 1986 over 600 pounds of fat

Wilmer Campbell				
Hilite	6-6	19,939	4 0	801
Heather	4-0	14,850	4 3	643
Libby	3-2	14,524	4 4	640
Candy	2-1	14,691	4 2	612
Alwine Farms				
74	5-11	27,339	3 3	906
Empress	6-3	19,824	3 5	697
Fan	6-7	25,623	3 9	1000
Jupiter	4-2	26,755	2 6	708
58	3-3	22,147	4 4	965
29	3-2	22,706	3 4	764
Lynn	3-1	19,462	3 3	638
Catalpa Farms				
226	5-8	24,877	3 6	890
273	5-1	20,752	3 1	642
276	5-1	24,006	3 7	892
314	4-3	20,134	3 6	724
381	3-4	23,152	3 3	774
362	3-6	23,054	3 7	862
434	2-5	17,160	4 5	766
Stanley R Long				
Leslie	4-2	17,627	3 5	623
Janice	4-1	17,029	3 9	658
Dottie	2 11	19,118	3 5	672
Robert H Beach Jr				
193	6-0	24,712	3 6	886
250	3-9	20,203	3 2	655
Lauden Farms				
229	5-5	22,153	3 6	792
234	5-8	22,239	3 7	823

236	5-3	16,570	3 7	608
91	5-5	12,879	4 8	615
154	4-3	27,526	3 5	950
207	4-0	19,966	3 7	742
11	4-0	14,653	4 3	632
126	3-7	16,898	3 8	644
84	3-6	20,140	3 5	698
239	2-2	15,335	4 2	639
12	2-0	14,674	4 2	609
13	2-2	13,396	4 5	606
Great View Farms				
Molymae	5-4	20,686	3 3	681
Donald Miller Deemar				
Lida 46	3-2	17,223	3 9	679
Bryncoed Farm Jersey				
704	3-7	13,508	4 9	667
John Hertzler				
Mitzi	5-5	21,421	4 1	886
Jessie	4-1	26,463	3 8	1007
Conewago Farms				
44	4-3	19,846	3 1	617
Sycamore Meade Farm				
Freda	5-9	18,184	3 4	614
Beulah	5-5	15,928	3 8	610
Freckle	3-0	13,720	4 4	607
Terlin Farms				
Monica	6-3	14,289	5 2	737
Rosilee	2-4	14,460	4 6	668
Lolly	2-4	14,179	4 7	667
Brownie	2-3	12,418	5 1	633
Robert Schaffer				
Vimp	8-11	20,605	3 2	656
Dawn	7-2	19,485	3 5	675
Janelle	5 7	17,545	3 7	641
Stoney Lawn Farms				
Cher	5 4	17,187	4 4	752
Alexis	5-2	21,558	3 2	699
Missy	5-2	22,257	3 2	720
Lytte Farms Inc				
Lancy	6-8	19,425	3 5	679
Carla	5-0	18,253	3 4	617

(Turn to Page B27)



"Experience And Quality"
From Concept...
To Design...
To Completion...

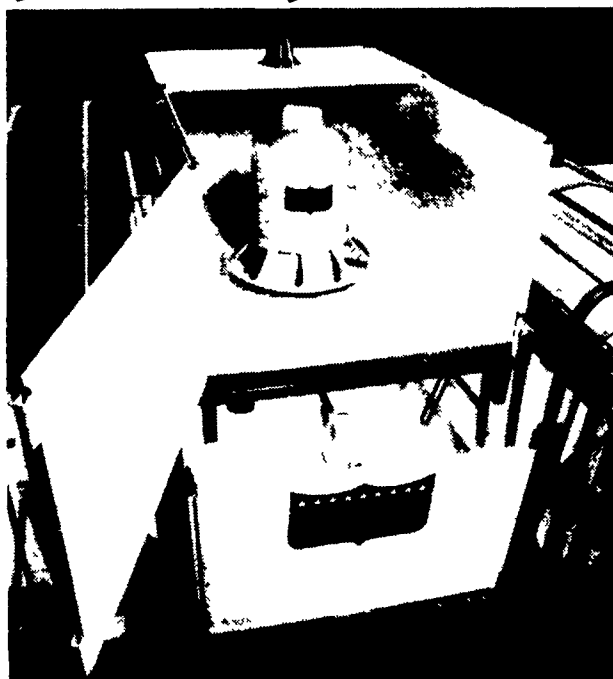
TRIPLE H Construction

29 South Charles St. Ephrata, PA 17522

Phone: 717-738-2142

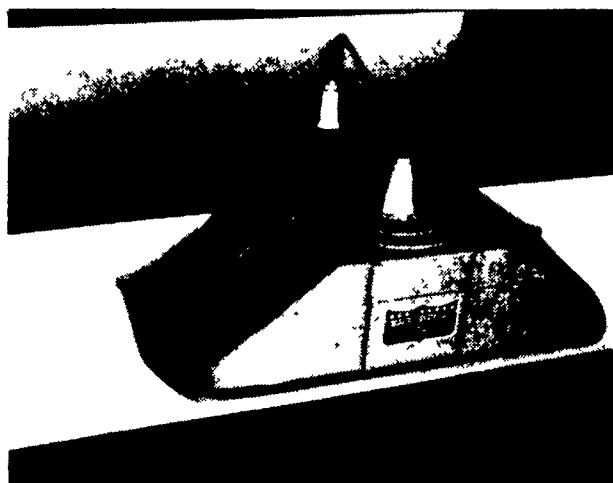
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Residential And Commercial Buildings.

INNOVATIVE PRODUCTS FOR THE FARROWING HOUSE



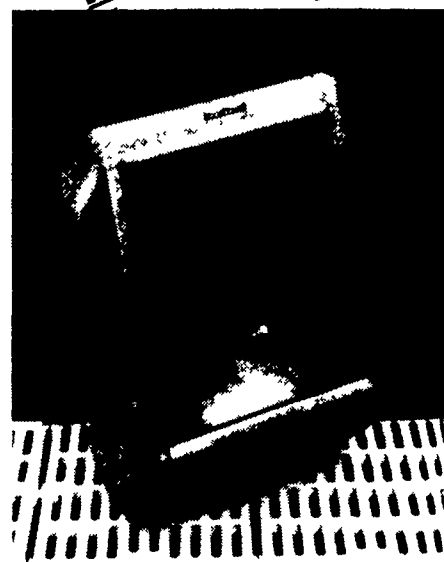
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- Mounts Between Crates For Easy Access
- PVC Plastic Sides
- Plastic Flush Pan - Frequent Waste Removal
- Hover with Electric Lamp
- Choice of Milk Replacer Feeders
- Perfect For Over Farrowing or Saving Runts



Electric Creep Hover

- Plastic Hover Material
- 100 Watts Per Crate
- Double or Single Styles
- Optional Rubber Creep Mat
- Easy Removal For Cleaning
- No Need For Heat Mat And Heat Lamp Together



"Super Bowl" Sow Feeder

- Tough Polyethylene Plastic
- Stainless Steel Around Opening
- Rounded Bottom For Easy Clean Out
- Optional Feed Wetter Nipple
- Large Opening Design
- The Ultimate In Feed Savings



"Triple Treat" Creep Feeder

- Durable Polyethylene Plastic
- Easy Removal For Filling or Cleaning
- Holds 1 Gal. Liquid Milk Replacer
- Holds 5 Lbs. Dry Pellets
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Quality & Price!

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we deliver it with our Trash Master
and Optional Coulter Combination!

Coulter slices trash to prevent "hairpinning" — eliminates stalk chopping. Trash Master leaves a clean, level seedbed for planting operations without gauge wheel bounce.

See your Yetter dealer or call your One Stop Conservation Tillage Headquarters toll-free — 1-800-447-5777 outside IL... 1-800-325-7165 in IL — or 309-776-4111.

Yetter Manufacturing Co. Colchester, IL 62326-0358

Yetter

...for land's sake!

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Phone (716) 343 5411

Dauphin Co. DHIA

(Continued from Page B26)

Juneau	4-11	20,205	3.6	721
Paula	4-2	22,356	3.6	814
Jazz	3-2	16,091	4.1	661
Linsy	3-2	18,978	3.9	746
Barbie	2-3	19,281	3.2	609
Crissinger Dairy Farm				
Freida	6-5	17,502	3.9	688
Claris	4-3	16,374	4.2	687
Rita	3-5	15,816	3.9	619
Pleasant Hill Farms				
Samantha	5-10	21,654	3.0	644
Ace	5-7	19,302	3.6	695
Doreen	3-9	20,519	3.1	640
Cookie	2-4	20,240	3.9	781
Mahlon L. Lehman				
Jewel	8-0	22,663	3.4	765
Pet	5-4	20,200	3.5	714
Tilly 7	4-10	20,832	3.5	724
Jane	5-0	19,135	3.6	682
Boots73	3-3	18,737	3.7	700
Walter Schaffer				
68	4-9	17,555	4.0	709
Shade	4-4	15,668	4.3	666
J Melvin Brandt				
Marcy	7-3	21,288	3.5	738
Bertie	4-2	20,438	3.8	769
499	3-3	19,398	3.9	763
Sheri	2-4	18,541	3.6	675
Roy M Brubaker				
Marilyn	10-3	18,317	3.4	629
Bertha	7-9	25,536	3.5	892

Tammy 87	4-2	18,521	3.5	651
Nancy 6	4-3	19,571	3.3	655
Majesty	3-3	20,153	3.6	730
Paul E Clugston				
45	5-5	18,802	3.5	650
31	5-1	16,779	3.7	620
40	4-4	17,018	4.1	702
17	2-3	16,616	3.8	630
Wil-Lene Farms				
22	7-1	21,382	4.0	851
47	6-6	20,960	4.0	840
74	3-2	19,282	3.3	628
Matter Farms				
R 12	3-6	16,081	3.8	619
Irvin G Martin				
6	2-6	17,709	3.8	672
Jay K Brackbill				
1	2-11	17,161	3.7	629
224	6-6	22,480	4.0	905
225	12-10	18,005	3.6	645
Arthur Brandt				
85	9-1	17,488	3.7	639
Becky	6-8	16,773	4.3	728
Helen	5-1	18,257	3.9	710
99	4-1	19,137	4.1	786
Dauphin-Way Farms				
Beauty	2-4	14,327	4.2	601
Elwillo Farms				
31	8-8	20,829	4.1	858
50-R	5-5	20,497	2.9	604
22	3-6	18,705	3.8	716

POTTER COUNTY DHIA
December 1986

Name		Brd.	No. Cows	Days Milk	Milk Lbs.	Fat Lbs.
Ivan Smoker & Sons	3	108	3	85 9	20,349	736
Donald Thompson	3	43	2	86.2	21,012	727

Lancaster Farming, Saturday, January 31, 1987-B27

Dale Hoffman	3	71.0	88.0	20,368	720
Robert Francis	3	40.0	84.2	18,715	719
R-Own Farms	3	73.6	82.4	20,059	717
Gene Thompson	3	86.5	86.6	21,392	712
Guy Dunn	3	54.5	86.7	19,506	709
Jack Thomas Sr	8	56.6	86.4	18,676	694
Ivan Kibbe Jr	3	97.8	90.2	17,647	691
Carl Erway Farm	3	106.3	87.8	17,985	687
Berkstead Farm	3	64.2	82.6	18,078	684
Karl Torrey	8	45.6	85.4	20,269	680
John C Traub	3	40.2	88.1	18,443	677
Kevin Risser	3	96.2	87.3	19,302	666
James Cady	3	58.5	87.8	17,845	660
Alvin Miller & Son	3	95.6	89.1	17,276	660
Gary Perkins	3	40.4	84.4	17,416	652

The following cows completed lactations over 850 pounds of fat

R-Own Farms	3	5-4	305	29,283	3.7	1083
Cheva						
Judy W Breeden	3	4-3	305	19,448	4.4	850
R-52						
Carl Erway Farm	3	6-3	305	21,901	3.9	856
#69						
Robert Francis	3	4-5	305	23,639	4.1	960
Pecan						
Jay N Heisey	3	4-5	305	23,639	4.1	960
Isabell	3	6-0	305	23,854	3.6	869
Dale Hoffman						
Angie	3	4-11	305	25,447	3.4	876
Ellen	3	5-0	305	26,305	3.4	898



Certified Vitavax-200 Treated Small Grain Seed Is Low Cost Insurance Compared To The Unknowns of Bin Seed!

CERTIFIED SEED

- ✓ 1. Pure Seed, True to Type, Assures Full Genetic Potential.
- ✓ 2. Laboratory Tested Seed Meets Or Exceeds Germination Standards
- ✓ 3. Professionally Conditioned To Improve Test Weight And Remove Impurities.
- ✓ 4. Certification Insures Noxious Weed Free Seed.

BIN RUN SEED

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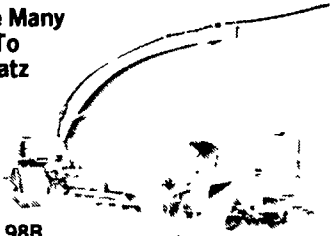
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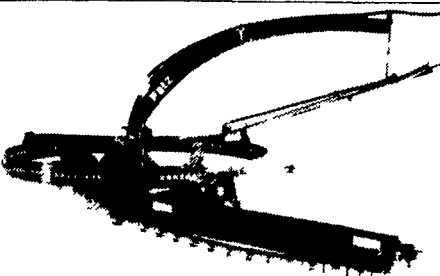
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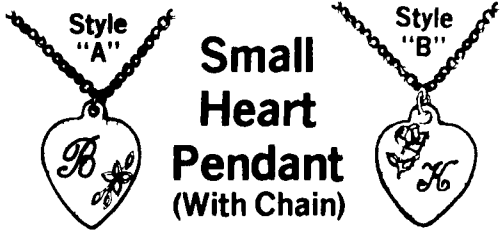
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Lebanon
County
DHIA
Monthly
Report

December, 1986

Dale Hostetter and Sons owned the high cow for fat production for the January testing period of the Lebanon County DHIA. Their 6-year-old Holstein completed her lactation with 24,340 pounds of milk and 1,131 pounds of fat.

Name	No. Brd.	Cows	% Days In Milk	Milk Lbs.	3 Fat X Lbs.
David Brandt	3	71.8	89.4	21,852	767
Roy H Weaver	3	54.6	89.5	21,558	763
Marvin K Meyer & Sons	B3	97.4	89.3	19,901	751
Irvine Z Brubaker	B3	52.4	86.7	20,799	747
Hoover Farms	3	131.6	85.0	20,176	744
Willow Maple Farm	3	47.7	90.5	20,036	741
Roy E Nolt	B3	64.8	83.2	20,956	738
Vincent A Wagner	3	60.6	85.7	20,042	732
Gary Lentz	3	68.8	87.6	20,226	728
Arthur R Krall & Son	3	70.6	86.0	19,620	725
M Luther Bennetch	G3	79.3	87.7	18,958	722
Richard & Ronald Shirk	3	76.2	86.7	19,300	722
Donald G Hoffer	3	46.6	86.2	19,282	718
Arnold Acres	3	122.4	88.0	19,764	716
Raymon & Marlin Getz	3	58.0	85.8	19,113	715
Lloyd Burkholder Jr	B3	53.7	83.1	19,731	715
James Z Brubaker	B3	53.2	89.7	20,475	714
Ferndale Farms	3	76.8	86.8	19,331	711
Kenneth I Sellers	3	65.4	86.8	18,571	709
Kenneth Mase	B3	99.5	87.9	19,120	709
Eugene Gingrich	B3	36.4	86.3	19,059	708
Leon M Burkholder	B3	48.4	90.6	19,071	707
Willis Good + Sons	B3	62.2	88.2	20,100	706

Dale Hostetter & Sons	3	95.7	83.9	18,207	703
Reuben O Martin	B3	77.4	86.8	19,026	703
Robert Martin	B3	54.3	89.1	18,295	702
David Weaver	B3	40.7	88.9	19,528	698
Wernerway Farms	B3	139.6	89.1	20,700	696
Mark C Patches	B3	106.3	87.2	18,194	694
Philhaven Farm	3	101.5	90.1	18,925	688
Jay & Carol Hershey	3	43.8	84.7	19,478	682
Phares Z Musser	3	84.7	87.2	17,815	679
Twin-Maple Farm	B3	55.9	87.9	18,042	675
John Brubaker	B3	56.2	89.4	18,885	675
Hollow Pride Farm	B3	41.9	90.2	18,041	674
Hershey Bare	3	91.7	87.8	17,886	672
Harvey T Bomgardner	3	104.2	86.0	18,689	667
Walter K Heisey	B3	54.4	88.2	18,056	664
Earl + Marilyn Smith	3	74.5	88.4	17,870	660
Harvey E Bomgardner	3	72.7	88.8	17,698	659
Clyde E Deck	B3	69.8	84.0	18,052	657
Melvin M Nolt	B3	57.3	82.2	17,319	657
Bucher Brothers	B3	39.9	83.9	19,133	656
Robert B Smith	2	76.9	85.7	13,527	655
DGK-Holsteins	3	46.0	85.3	17,870	654
David Eugene Reiff	3	53.6	86.1	18,690	652
Gary Mase	B3	23.5	85.6	18,375	652
Marlin D Heisey	B3	53.3	83.9	18,014	652
Sonnen Springs Farm	B3	51.3	83.9	18,326	651
Richard Batz	3	41.8	91.1	17,789	648
Mark H Bomberger & Son	B3	87.6	87.5	17,780	646
Kirby L Horst	3	51.9	84.4	17,431	645
Louis E Martin	B3	43.7	85.4	18,248	644
Eugene Martin	B3	95.7	86.8	17,854	643
Roy M Oberholtzer	B3	39.1	83.7	18,812	641
Raymond K Martin	B3	51.4	86.2	18,637	641
Sonnen Acres	3	73.8	86.8	17,997	637
R & E Farms	B3	112.7	87.5	17,551	635
Daryl Balmer	B3	35.6	86.9	17,690	635
Larry G Shuey	B3	91.5	86.8	17,660	634
Galen Bollinger	B3	155.0	91.7	17,207	633
San Bo Holsteins	B3	69.8	84.3	17,650	631
Twin-Gro Holsteins	B3	52.5	87.4	17,079	628
Mervin W Horst	3	52.5	86.3	17,415	626
Ernest P Detweiler	G3	46.2	86.1	17,878	625
Irvine & Ella Martin	B3	69.9	84.0	17,799	625
David Himmelberger	B3	37.8	86.2	16,882	625
Ramona Holsteins	3	77.9	83.5	17,629	620
Daniel B Shirk	3	35.4	88.8	17,456	618
Allen H Leinbach	3	31.2	89.8	15,277	616
Alvin & Marian Martin	B3	63.5	86.0	17,198	616
Ma-Mi-Me Farms	B3	79.8	86.0	17,011	*610
David E Zimmerman	G3	48.1	86.1	18,648	607
Mark Copenhaver	B3	81.0	87.7	17,768	607
Gerald W Martin	G3	52.0	86.8	18,049	604
Clifford + Fay Berger	B3	60.0	87.2	16,789	604
Robert B Bollinger	B3	115.7	88.9	16,634	603

George Ungemach	B3	82.5	87.6	17,211	603
Dennis Wampler	B3	88.7	85.2	16,514	602
Aaron Weaver	B3	80.6	86.1	16,717	602
Richard C Elliott	B3	36.2	85.1	16,927	602
Moses O Martin	B3	72.3	88.9	16,920	601

The following cows completed lactations during December 1986

Kenneth I Sellers	3	6-5	305	20,730	3.9	812
Fran	3	4-10	305	24,193	4.0	968
Ferndale Farms	3	4-2	305	21,083	4.0	843
Lanna	3	3-6	305	22,391	3.8	840
Harvey T Bomgardner	3	3-8	305	26,236	3.4	902
Dorothy	3	6-5	305	22,952	3.7	842
Rosey	3	6-0	305	24,340	4.6	1131
Marvin K Meyer & Sons	3	4-4	305	21,980	3.8	832
17 Abby	3	3-8	305	22,902	4.0	920
Dale Hostetter & Sons	3	3-4	305	22,710	4.3	975
108	3	3-2	283	17,303	4.9	849
48	3	4-3	305	24,014	4.1	973
M Luther Bennetch	3	8-7	305	21,982	3.7	823
Shirley	3	5-2	305	23,772	4.0	946
Richard & Ronald Shirk	3	4-2	305	25,846	3.3	853
Echo	3	6-0	305	22,939	3.5	806
Crystal	3	6-9	305	27,028	3.0	813
Carmel	3	4-10	305	23,899	3.8	898
Mark H Bomberger & Son	3	4-7	305	24,719	3.8	928
86	3	3-1	305	19,619	4.2	825
Mark C Patches	3	8-2	305	21,054	3.8	804
219	3	4-4	305	20,671	4.0	837
276	3	4-0	305	27,343	3.0	828
Daniel B Shirk	3	4-8	295	18,422	4.4	810
Hazel	3	7-11	305	25,384	3.3	827
Ernest P Detweiler	3	4-11	305	23,847	3.8	901
Audrey	3					
Arnold Acres	3					
Kennie	3					
Apple	3					
Lonely	3					
Pip	3					
Walter K Heisey	3					
15	3					
Robert B Bollinger	3					
122	3					
45	3					
Richard C Elliott	3					
27	3					
Vincent A Wagner	3					
11	3					
19	3					

(Turn to Page B29)

Lancaster Farming
P.O. Box 366
Lititz, PA 17543
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or Lititz
717-626-1164

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Thursday morning at 9 of
each week's publication
1 - Farm Equipment
2 - Farm Equipment
Wanted
3 - Silos and Unloaders
4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories
are available for your
classified advertising, in
Section B. Deadline
Wednesday afternoon at 5
of each week's publication.

- 7 - Livestock Equipment
- 8 - Cattle
- 9 - Horses & Mules
- 10 - Sheep & Goats
- 11 - Swine
- 12 - Artificial Breeding
- 13 - Hog Equipment & Supplies
- 14 - Poultry & Supplies
- 15 - Feed & Seed
- 16 - Fertilizer
- 17 - Plants
- 18 - Fruits & Vegetables
- 19 - Nursery
- 20 - Lawn & Garden
- 21 - Services Offered
- 22 - Custom Work
- 23 - Help Wanted
- 24 - Situations Wanted
- 25 - Business Opportunities
- 26 - Household
- 27 - Pets
- 28 - Lost
- 29 - Found
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- 31 - Notice
- 32 - Miscellaneous
- 33 - Recreational Vehicles
- 34 - Autos
- 35 - Trucks and Trailers
- 36 - Real Estate

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Zip _____ Phone (____) _____

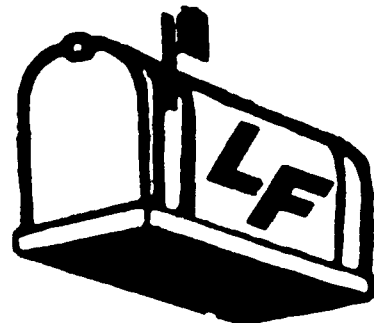
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17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

The New Tax Rates: How Much Will You Pay?

BY DR. LARRY C. JENKINS, EXTENSION ECONOMIST
The Pennsylvania State Univ.
UNIVERSITY PARK — Change in the structure of tax rates was a primary selling point for the Tax Reform Act of 1986 as Congress debated the new legislation. Lower rates and fewer rate brackets were lauded as major benefits that would reduce taxes and make the tax laws more simple and fair.

The Tax Reform Act of 1986 does reduce the 14 tax rates under old law to two rates of 15 and 28 percent in 1988. But a 5 percent rate adjustment in effect produces a third rate bracket of 33 percent for some taxpayers.

The alleged two-rate system is really a three-rate system for those taxpayers affected by the highest rate bracket.

Transition rules for 1987 provide five tax rates for that year only. The 1987 rates for couples filing a joint return range from a low of 11 percent on an income of \$3,000 to 38.5 percent on an income of \$90,000. Single taxpayers pay the 11 percent rate on income up to \$1,800 and the 38.5 percent rate on income over \$56,000.

In 1988, taxpayers will pay a 15 percent tax on an income up to \$29,750 for couples, \$17,850 for single taxpayers, and \$23,900 for heads of households. They will pay a 28 percent tax on income above those levels.

Higher-income taxpayers will be subject to an additional 5 percent tax on income above a second level, phasing out the benefits of the lowest tax for them.

For joint returns, the 5 percent rate adjustment applies to income between \$71,900 and \$149,250. Couples with an income above \$149,250 pay a 28 percent flat rate on all taxable income. To prevent high-income couples from avoiding the 5 percent adjustment, married couples who file separate returns are required to calculate the adjustment based on their joint income.

The 5 percent adjustment for single taxpayers begins at an income level of \$43,150 and extends to \$89,560. Singles pay the 28 percent flat rate on all taxable income in excess of \$89,560. Heads of households experience the 5 percent rate adjustment beginning at an income level of \$61,650 and extending to \$123,790. The 28 percent flat rate applies to income above \$123,790 for heads of households.

The effect of the 5 percent adjustment (to remove the benefit of the 15 percent tax rate) and the second 5 percent added tax (to remove the effect of the larger personal exemption), is to convert the alleged two-rate tax system to a three-rate system. The first

adjustment actually produces a 33 percent marginal tax rate on an income between \$71,900 and \$149,250 for couples and between \$43,150 and \$89,560 for single taxpayers. The overall tax rate for these taxpayers does not exceed 28 percent but the true rate structure under which they are taxed consists of marginal rates of 15, 28, and 33 percent.

In the case of a couple filing a joint return, the first \$29,750 is taxed at a 15 percent rate; an income between \$29,750 and \$71,900 is taxed at a 28 percent rate; and an income between \$71,900 and \$149,250 is taxed at a rate of 33 percent. At a taxable income of more than \$149,250 the tax rate for couples is a flat 28 percent of all

taxable income. However, the marginal tax rate for these high income couples is 33 percent because they pay the 28 percent flat rate plus a 5 percent added tax on taxable income above \$149,250, to offset the benefit of the larger

personal exemption.

The 15, 28, and 33 percent rate brackets become effective January 1, 1988 and are indexed to inflation. The brackets will change based on changes in the general price level in future years.

Three Crops Versus One

It may be time for some farmers to turn back the clock and reconsider the advantages of diversification, according to economist Michael Salassi of USDA's Economic Research Service.

Producing three or four commodities in place of one or two will not guarantee a profit, but it is one method of reducing price risk in an uncertain economic environment, according to Salassi.

Mixed-enterprise agriculture — a mix of crops, livestock, or both — used to be the norm for the traditional American family farm. Since World War II, however, the typical farm has been gradually transformed into a highly specialized production unit.

Salassi admits that specialization has its

place. It's an efficient way to concentrate the resources of the farm and its manager on one or two commodities for maximum volume and productivity.

Analysts expect to see farmers experimenting with many different management strategies to cope with the increased risks. One of the strategies that can work for some farmers is diversification.

If properly planned, diversification can help stabilize farm income and reduce the danger that a period of low prices for one commodity will threaten the survival of the entire farm business.

In developing a diversification strategy and choosing a new crop or livestock enterprise to add to an existing operation, Salassi offers some common sense guidelines:

Select commodities that have different price patterns. Two crops may be no better than one if the prices for both plunge together because both are tied to the same basic market fundamentals.

To the extent possible, new enterprises should complement existing enterprises. For example, a new crop that can be produced with existing, easily borrowed, or inexpensively leased equipment may be a better alternative than a crop that requires expensive, specialized equipment. Similarly, resource use will be more efficient and conflicts can be avoided by choosing alternative commodities with labor requirements that are not concentrated in the same peak months of the year when current enterprises require the most attention.

Before departing from the commodities already produced in your part of the country, evaluate the marketing outlets available and your own entrepreneurial skills. The financial position of a farm business probably won't be strengthened by adding an enterprise that requires special production and marketing practices about which the farm manager and workers have little or no knowledge.

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Lebanon Co. DHIA

(Continued from Page B28)

Roy E Nolt 145	3	4-5	302	21,846	3 8	826
Bucher Brother's Sheri Hope	3	7-5	305	25,247	3 3	821
	3	5-2	298	23,488	3 6	851
Lloyd Burkholder Jr Dot	3	4-1	305	22,667	3 8	863
Marlin D Heisey 2	3	0-0	305	26,907	3 9	1053
James Z Brubaker 584	3	5 5	305	18,137	4 5	812
Irvin Z Brubaker 144	3	6 10	305	19,512	4 5	878
29	3	3 9	305	22,314	3 7	834
Gary Lentz Daisy	3	7-4	294	25,075	3 9	973
Star	3	5-1	305	22,062	4 1	902
Eugene Gingrich 9	3	0-0	305	23,496	3 5	833
Clifford & Fay Berger Diann	3	7 4	305	21,016	3 9	817
Ramona Holsteins Althea	3	8 2	305	25,722	3 5	895
White Birch Farm 45	3	7 7	305	23,050	3 6	840
David Himmelberger Margie	3	3 7	305	22,462	4 1	910
Earl & Marilyn Smith Anita	3	4 1	305	21,591	4 1	893
Edward L Heagy 109	3	6 10	305	24,632	4 1	1009
Luke Brubaker 64	3	3-4	305	23,653	3 4	811
Aaron Weaver 108	3	4 4	305	20,245	4 1	831
Daryl Balmer Hazel	3	4 2	299	19,626	4 1	806
Hoover Farms Fuzzy	3	7 11	305	23,799	3 6	864
Fannie	3	3 11	305	23,013	3 5	816
Amber	3	4 1	305	21,892	3 7	811
Twin Gro Holsteins 330	3	6 0	305	19,238	4 3	818
Kenneth Mase Tops	3	3-5	305	23,288	3 5	807
Melvin M Nolt 21	3	6 1	305	21,819	3 8	824
15	3	6 1	305	24,877	3 6	888
54	3	4 0	282	22,312	3 7	833
Phares Z Musser 54	3	4 5	305	19,152	4 4	844
Wernerway Farms 49	3	5 1	305	28,025	2 9	826
132	3	4 4	305	28,762	3 1	897
Raymond & Marlin Getz Total	3	4 3	305	23,833	3 7	870

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4-horse Delux Gooseneck models	\$6750.00
6'x16' bumper stock.	\$2195.00
6'x16' gooseneck stock	\$3150.00
7 1/2' x16' gooseneck stock	\$4150.00
8'x20' flatbed gooseneck	\$2795.00
8'x24' tri-axle flatbed gooseneck	\$3995.00

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6'x16'x7' gooseneck stock	\$2500.00

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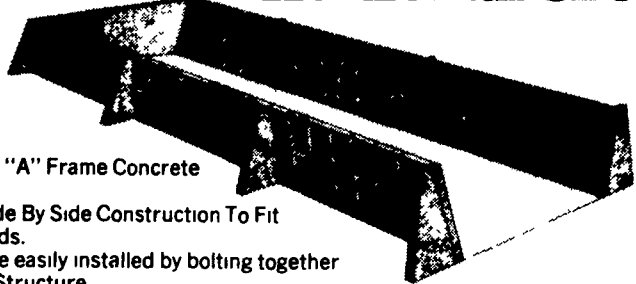
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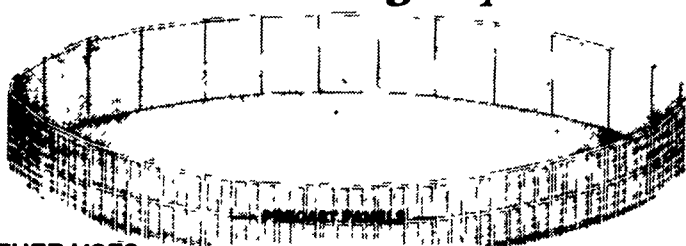
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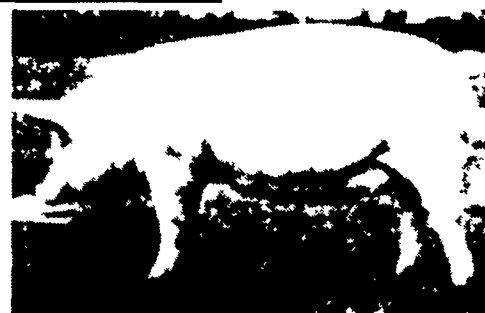
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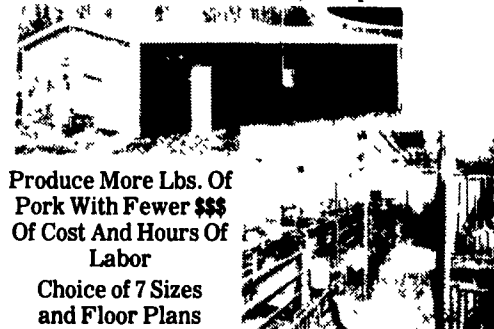
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Please include size, name, address and
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The following list of equipment is in use until
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- 4 16" Jamesway fans w/1/3 hp. motors
- 4 feeder time clocks (Tork)
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- Health Way Medicator w/pump & pressure tank
- 2 13-ton Chore Time bins w/cross auger
- 2 7-ton Chore Time bins w/cross auger (1 yr.)
- 1 20 KW generator w/automatic transfer switch;
diesel powered; good condition. Age unknown.

Please call days 717-656-2711 and ask for
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15

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Wanted Experienced pole building crews or forman for construction in Eastern PA, MD, NJ and Southern NY. Good pay schedule. Call 717-354-6227

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Help Wanted: Full time milker on large dairy farm, need not be experienced, must be conscientious & have a desire to learn, excellent hours, all necessities provided. Male or Female may apply. Lebanon Co. 717-933-8622 or 717-933-8551

Person needed on Lehigh Co. grain, potato, and poultry farm, for general farm work. Machinery experience and references desired. Benefits and housing available. Reply to: Lancaster Farming, P.O. Box 366 L-122, Lititz, Pa. 17543.

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Central VA dairy seeking milker/herdsperson for 100 cow operation. Will consider husband/wife team. Salary and benefits according to experience and abilities plus performance bonuses. Send resume to Rt. 2, Box 275, Gladys, VA 24554 OR phone 804-283-5106.

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Lancaster Farming
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Lititz, PA 17543

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HELP WANTED

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Job on Poultry Farm. 1 year experience driving truck. Welding, pullets and crop experience. 215-261-2051

Married man with mechanical ability, good sense and desire to learn wants good situation on family farm. Money is second to living and working atmosphere. 717-597-7932.

Responsible Ag related position desired by early middle aged, experienced (15 plus yrs.) dairy/crop farmer. Some accounting, computer experience. Reply to: Lancaster Farming, P.O. Box 366 A-114, Lititz, Pa. 17543

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Good Working Conditions
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Prefer applicants have Class III license and farm background.

Approximately 10 hrs. or 1 day per week.

Reply to Lancaster Farming
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Lititz, PA 17543

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Lititz, PA 17543

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Lititz, PA 17543

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Hours: 4:30 a.m. - 7:00 a.m. and 12:30 p.m. - 5:00 p.m.

Applicant should possess at least 2 years of practical experience in general farm work, including milking experience.

For additional details please contact:

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New Holland
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26

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27

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I will pick up pups February 23 at the following points:
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Call for convenient meeting points. If I buy your pups, I will pay for the phone call.

I'll be buying pups at Root's Farm Market, Tues., February 24 from 5:00-8:00 PM

I need 125 pups on Tuesday, February 24.
Pups wanted in litter lots only to 8 weeks old. No adult dogs handled.

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JoJo The Dog Man
7 AM - 9 AM

Phone 609-452-8903

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Farmer Brown said so.

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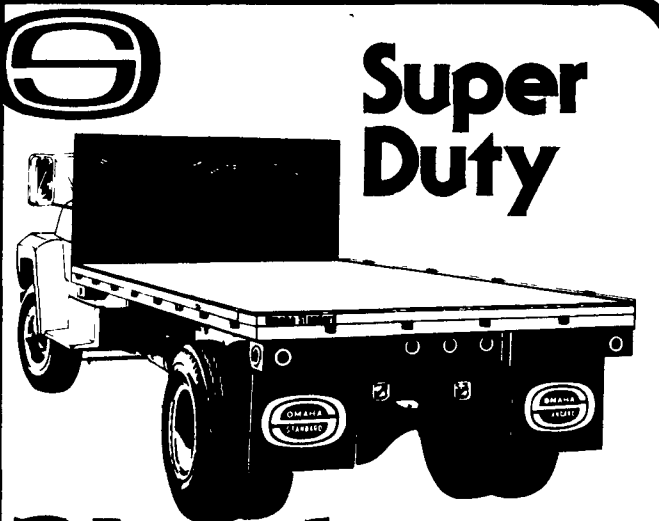
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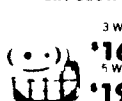
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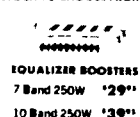


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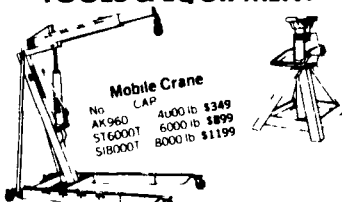


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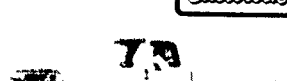
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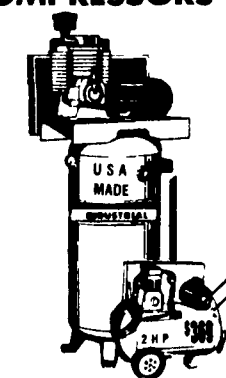
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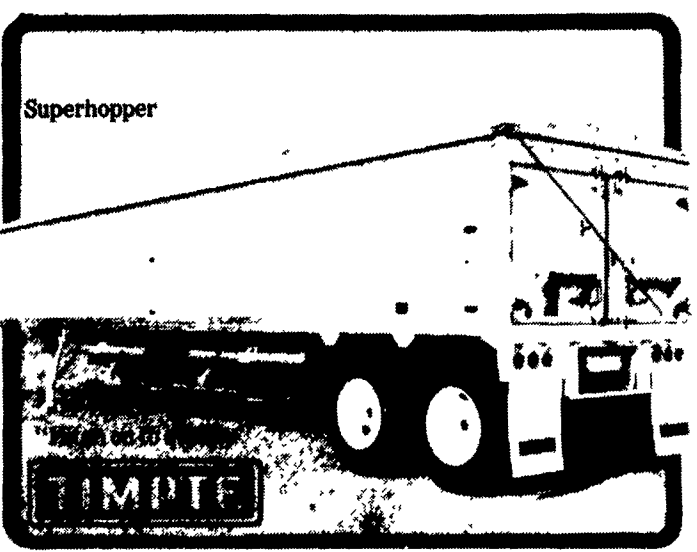
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TRUCKS AND TRAILERS

18' grain dump, white tilt cab, 33,000 GVW, air brakes. 717-546-8422.

1953 3/4 ton Willys pick-up truck w/7' snowplow, asking \$800. 7' Snowplow off farm tractor, has new edge, asking \$250. Chester Co. 215-469-9591.

1959 M.R.S. pulling tractor, 335 Cummins dsl., Allison auto. trans., 29.5x29 rear tires, was used to tow blimps for navy. Kept indoors, low hrs. Sell or trade. Service records available. Very powerful. 201-938-3342 after 6.

1962 Dodge 16' flatbed, 19,500 GVW, 50,000 original miles, \$1500, excellent condition, good rubber, good farm truck. Call 215-267-5400, 7 a.m. to 5 p.m.

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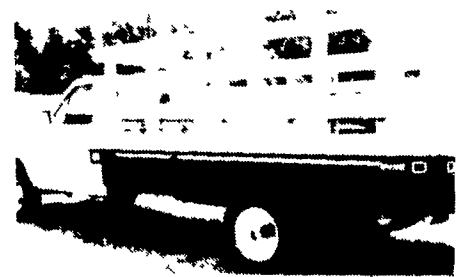
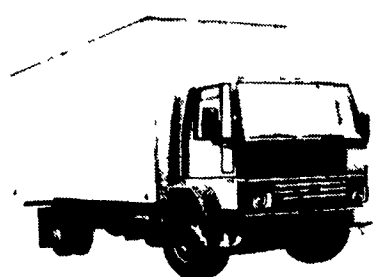
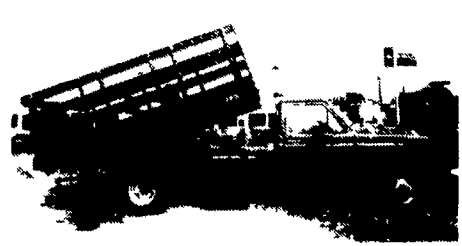
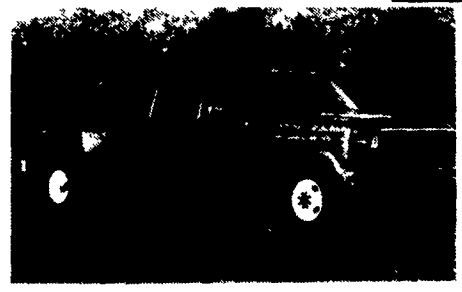
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TRUCKS AND TRAILERS

1985 Chevy K10 Blazer, V8, Auto., Overdrive, PS, PB, Power Windows & Locks, Tilt, Cruise, Silverado, All Black...
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SPECIAL *3,995

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6 to 7'3" wide -
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1966 Ford stake body, 21,000 lb. GVW
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REAL ESTATE

FOR SALE OR LEASE: Complete modern dairy in South Mississippi. 300 acres, 150 tillable. Flush system, free stalls, silo, double four side opener milking parlor, calf barns. Large southern home, completely modern. Year round grazing. Ready to operate. Plain people in area. 215-488-1020.

For Rent: Large dairy farm, 200+ tillable acres, large house, 40 comfort stall barn, barn cleaner, silos. Upper Dauphin Co. Reply to Lancaster Farming, PO Box K-134, Lititz, PA 17543.

For Sale: 152 acre dairy farm w/excellent buildings, 2 large barns w/dairy setup, milkhouse, 14'x40' silo, large historical home w/ beautiful yard surrounding the place. \$140,000. More Information Call 607-522-3206. Albert Fraker.

For Sale 100 acres, Historic stone & frame house, barn & other outbuildings. Stream & water close to house, approx. 25A open land, balance wood, and pasture land. \$275,000. Franklin Co., Pa. Robert F. Crider, Realtor. 717-264-8528

For Sale: 72 acre Dairy Farm in Northern Bedford Co. House & modern barn w/31 tie stalls, pipeline milker, bulk tank, 3 silos, gutter cleaner & meadow w/stream. For more information call: 814-793-2872

FREE CATALOG! Describing numerous PA farms, camps, acreage, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044. 412-443-1200, IN PA 1-800-922-1235.

Franklin County: 200 acres in Path Valley, 1/2 tillable, balance in woods and pasture, USDA corn, wheat, barley base. No buildings. Priced to sell by owner. 717-249-5005.

WANTED TO BUY: Approx. 80-150 acres. Northumberland, Snyder, Schuylkill, Juniata, Perry, Cumberland, Franklin Co. Buildings not important. Prefer approx. half clear. Must have good stream or large spring. Christie, Box 465, Andover, NJ. 07821. 201-383-7120

Northwest Pennsylvania, Meadville Woodcock Dam area. 163 acres wooded and open, water well in, all mineral rights. Owner financing. \$650/acre. 216-442-8131.

OPEN HOUSE: Saturday, Feb. 7, 2-4 p.m. Wabash Road, Stevens, PA. Remodeled farm house with large rooms, custom birch kitchen with built-in desk, 3BR, 1 1/2 baths, 2 story barn with electric and water and 2-car garage. Sitting on 4.5 acres. Host is Ray Abbott. Directions from Ephrata: Rt. 272 North, left on Wabash Rd. (at Hess Foods), property on right. ERA Hop Usner & Assoc. 717-627-1230 or 717-738-2005.

Potter Co., Ulysses, PA. 290+ Acre dairy farm, modern 100 cow & free stall parlor complex, 3 Harvestore silos, 2 heifer barns, manure storage, large house, productive land. Buildings worth asking price. Call for details. 814-848-7478.

Farmland For Rent: 35-40 acres, Englewood area. Call 717-299-9646 after 6 p.m.

Dairy Farm, 250 acres, 220 of those are tillable. Modern barn, 2 silos, heifer shed, machinery shed, 2 story house. Level to gently rolling land. Farm located near Dalton, NY. \$125,000. Call 814-628-2895

Butler and Mercer Counties. Dairy and beef farms from 35-1000 acres. Also large retail greenhouses available. Call Jerry Schaefer or Art Miller at 412-287-0771. COLDWELL BANKER, COLLINS REALTY.

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REAL ESTATE

Dairy Farm Wanted in Leola or surrounding area. Buy, lease or management of large dairy farm. 814-793-3308

56 acre Dairy Farm, North of Oxford, good house, barn, and silos. \$280,000. Call COATES REALTOR. 717-442-4134 or after hours, 717-354-9534

BRADFORD CO.: 450 ac. Dairy Farm. In profitable operation. Stocked & equipt., \$380,000. Bare \$275,000. Millard Real Estate, New Albany, PA. 717-363-2482.

FARM FOR SALE: 410 acres, 330 tillable acres, 2 houses, 2 barns, with a pond for recreation. 2 houses, 2 barns \$450,000. 80 cows, 40 heifers, equipment. Will separate land. If interested call 717-549-5755. Bradford Co.

Farm for sale by owner, Juniata Co. 94 Level Acres; 85 tillable; 54 free stalls, dairy or beef; 16x65 silo; 500 gal. bulk tank, 44' bunk feeder; 14 stall pipeline; 9 room house. Close to Mifflintown, near Rt. 322. 717-436-2255.

PENNSYLVANIA FARMS WANTED

By CENTRAL
STATE REALTY.
We have buyers.
Please call
Ron Deitch at
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FOR SALE BY OWNER

167 acre northeast Pennsylvania modern dairy farm. Mostly tillable w/2 houses, nearly new free stall & dry cow facility, 4 silos w/unloaders, automatic feeding, double 6 totally automated parlor, 1500 gal. bulk tank, large new machine shed, 150 head of cattle, some machinery included.
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On-going profitable egg farm includes entire operation, equipment, 12 room farm house, 46,000 bird automated high rise laying house with packing room, pond, on 30 acres. Montgomery County. \$500,000. Call for details.

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We presently have one of the largest selections of farms, farmettes, land and cabins available in central Pennsylvania. We have over 50 exclusive listings

Our Farm and Land Department would be happy to mail a free, detailed farm and farmette list or land and cabin list to you

See the January 24 and February 7 issues for a complete farm inventory.

FARM AND LAND DEPARTMENT

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Desperately Seeking: Small home or farmette, Berks, Montgomery or Chester Co. \$30,000 to \$90,000 range, owner financed. 215-323-1917.

FOR SALE 46 ACRE FARM Northumberland Co. between Dewart and Watsontown (Route 44)

- Excellent Farm Ground
- Completely Fenced
- Large Barn
- Horse Corral
- Attractive 4 bdr., house w/rental carriage house
- City Water
- Excellent Development Potential

Call
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weekdays between
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FARMS FOR SALE Near Oxford, PA Chester County

180 Acre dairy farm, 150 acres tillable Will sell less acreage April 1, 1987 possession Financing Available

281 Acre dairy farm, 200 acres, nice long level fields tillable

Lebanon Co.
94 Acre general farm, 65 acres tillable, meadow, stream, less than \$2,500 an acre

Lancaster Co.
73 Acres, 44 acres tillable, meadow, stream, no buildings

House For Sale In Lancaster. 547 S Prince Street 7 RM, bath, off street parking, lawn, garden House in good condition

If you are planning to sell your farm, farms are our specialty We need farm listings in Lancaster and Chester Counties Please call us today

Maurice E. Lehman, Broker
Lancaster
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Daniel E. Snader, Agent
Leola
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220 WOODED ACRES borders State Land, trout stream \$79,500 (W121)

FARMHOUSE 3-4 BR, 2 baths, views, more land available \$39,000 (W123)

RETREAT/HOME 2 story 4 BR, 1 1/2 bath country setting near hunting/fishing, low taxes \$29,500 (W131)

BAR/RESTAURANT 10 rental rooms, going business, figures available \$68,500 (M132)

FARMETTE 3 BR rancher, full basement on 22 acres \$49,000 (W141)

MOUNTAINTOP LOTS, walk to State Land, or reclude in privacy, 3 39 ac - \$4,500, 8 86 ac \$9,700 all wooded (W136)

BEAUTIFUL COLONIAL, country setting, 4 BR, 1 1/2 baths, 2 car garage barn, very clean \$49,500 (W147)

LOG-SIDED, hand-crafted house, very exclusive wooded setting, 1 year old \$85,000 (W164)

FREE CATALOGUE ERA-Homestead Realty 23 E. Ave. Wellsboro, PA 16901 717/724-7161

RETIREMENT RANCH in small college town 3 BR, fenced yard, low taxes \$32,600 (M1728)

PIG FARM State-of-the-art facility designed by Penn State, includes 3 BR ranch MUST BE SOLD Asking \$150,000 (M1731)

61 MOUNTAIN ACRES near state Game Land & Federal recreation lake Good access, very private, views \$26,000 (M1733)

CAMP/RETREAT good mobile w/annex on 22 25 ac Valley setting \$18,000 Low taxes (M1734)

VICTORIAN MANSION stripped to studs, also refurbished smaller house on 11 82 wooded acres Both for \$39,500 Terms (M1782)

CALL/WRITE - FREE LISTS ERA-Homestead Realty 267 S. Main St. Mansfield, PA 16933 717/662-3287

POSSIBILITIES old store & post office with overhead living quarters Located on Rt 44 nr Potter Co Fairgrounds 3 BR's in living quarters \$42,000 (D521)

TAP ROOM with living quarters, parking area, kitchen facilities, good going business Excellent buy at only \$35,000 (D512)

2 FOR 1 - two houses, one to live in, one to rent Office converted into nice apartment, also garage and two car ports Call to see this \$35,000 (D520)

RACE TRACK 88 acres with all fixtures & equipment, 400 amp service PA system Could be used for snowmobiles also \$69,500 (D511)

CALL OR WRITE FOR FREE LISTS ERA-Homestead Realty 168 W. Main St. Westfield, PA 16950 814/367-2222



SMALL DAIRY FARM. Good remodelled barn Stanchions for 34 head 7 year old ranch home Convenient location. 35 acres Active dairy operation until recently, \$68,500 W-1126

SMALL RANCH - Farmette on 30± acres, good views, 3 bdrm 1½ baths, fireplace and bar in bsmt family room, barn in good shape for storage, cattle or horses, close to town, but on dirt road, great for privacy \$52,500 W-778



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Shinglehouse area homes	\$22,500 - \$79,000
Oswago home or lodge	\$35,900
Antique Finish Mill/Sawmill/ Living Qtrs	\$45,000
33 9 acres - Sharon Twp. wooded/leach field inc	\$16,900
158 Acres - Oswayo Twp - pond	\$47,500
Genesee home	\$16,600
Roulette home	\$27,500
Mobile home + 75 acres - Sharon Twp	\$40,000

McKean County	
3 bdr Rancher - Ceres Twp	\$40,000
122 Acres - Ceres Twp	\$41,000

Contact:

Robert L. Watterson,
Associate Broker
R.D. #1 Box 1064
Shinglehouse, PA 16748
Phone: 814-698-2300

WANTED FARM OR LAND WITH A GOOD AMOUNT OF ROAD FRONTAGE

★ I WILL PAY ★
\$2000 - \$5000 / ACRE
DEPENDENT ON LOCATION
SIZE, FRONTAGE, TERMS

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THESE COUNTIES

BERKS - LEHIGH - PERRY
NORTHAMPTON - DAUPHIN
& OTHERS
CALL COLLECT
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Ask For Greg Nash

53 Acre Farm For Sale By Owner

Large house, 2 kitchens, 5 bedrooms, 2
baths, basement. Chicken house for
10,000 layers in operation, 40x70 barn,
32x48 shop. Nears Orrstown, Franklin
Co., PA.

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If You Are Interested In 1 Of The Best
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In Cortland County. 200 flat valley
acres, excellent drainage, 100 cow barn,
and heifer facilities. 3 silos, beautiful,
large, modern home & apartment. Must
Be Seen To Be Appreciated!

JOE GUNZENHAUSER
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80 acre operating Dairy Farm, 111 tie
stalls, pipeline, 1000 bulk tank, barn
cleaner, 20x65, 16x60, 14x40 silos, plus
heifer facilities and outbldgs, stocked
pond. 6 bdrm house, LR, DR, kit, etc.
Possible lease land available. Asking
\$145,000 #914

155 acre farm with approx. 100 acre
tillable, 2 ponds, just one mile off Rt. 15
on black top road for just \$89,500 #896
2 sty Canyon country farmette, 3 bdrms,
LR, DR, kit, fmly rm, utility rm, bath, full
bsmt, all on 48.8 acres, also small pond.
\$64,900 #904



9 Cone Street
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REAL
ESTATE

Wanted To Rent: Dairy
Farm, preferably
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For Rent

Over 8,000 sq. ft. show room, store and
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freezer, large parking area. Building air
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Union Township, Snyder
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miles North of
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4 BR house, dairy bank
barn with large milk-
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Steuben County, NY
204 acre dairy farm, 40
tie stalls, pipeline,
tank/washer, 2 con-
crete silos/unloaders,
(1) bunker silo, (2)
machine sheds, 5
bedroom home.
Complete w/all cattle
& excellent line of
equipment. \$225,000.

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Private Setting, Stone/Aluminum Home, Bank Barn, 10
Acres Of Woodland, Spectacular View.

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55 Acre Limestone Soil, milking barn, pipeline
milkers, bulk tank, lounge area, hay & implement
storage. Additional acreage available. No dwelling.
300 Acre Dairy double four Herringbone parlor,
free stall barn, bank barn, lagoon limestone soil,
never failing spring, 6BR dwelling

107 Acre General, 86 acres tillable, 10 pasture 8
wooded large bank barn wagon shed with at
tached garage, 3 BR brick dwelling 2 streams

CUMBERLAND CO.

115 Acre modern dairy farm, complete new dairy
facilities 48 tie stalls, pipeline milkers (automatic
takeoff) 1000 gal tank 20x70 silo w/unloader
bank barn, 40x70 implement building w/3
automatic door openers modern 4BR dwelling
LIMESTONE SOIL

75 acre dairy, 26 tie stalls bulk tank, stable
cleaner, silos w/unloaders implement storage,
new furnace 4 bdr dwelling farm pond beautiful
view of the mountain

95 Acre General Farm, 2 story Colonial brick and
aluminum dwelling w/brick fireplace and car port
Nested among the trees Secluded from neighbors
but adjacent to mountain for the individual wishing
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acres wooded w/timber large horse barn w/16
stalls and other outbuildings

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UPSTATE NEW YORK BEAUTIFUL FINGER LAKES AREA

200 acres - 35 stanchion barn,
basement, silo, tank, cleaner, extra
barn, real good 11 room home, full
basement. Price reduced.

184 Acres - 50 tie stall barn, Harvestore,
tank, cleaner. 8 room home. Have as
many acres as you wish. The above farms
are within one half mile. Other farms for
sale in the area.

117 Acres - 46 stanchions and ties in
main barn, 14 extra stalls, pipeline, tank,
cleaner, 2 concrete silos, 3 other barns. 8
room home. This farm is located just
outside Watkins Glen 110 head of cattle,
3 tractors and all necessary machinery.

341 Acres - 2 large homes, old barn, silo,
pole barn, milking parlor, 1½ miles of
road frontage, miles of tile, easily
divided, this farm is in Mennonite
Country

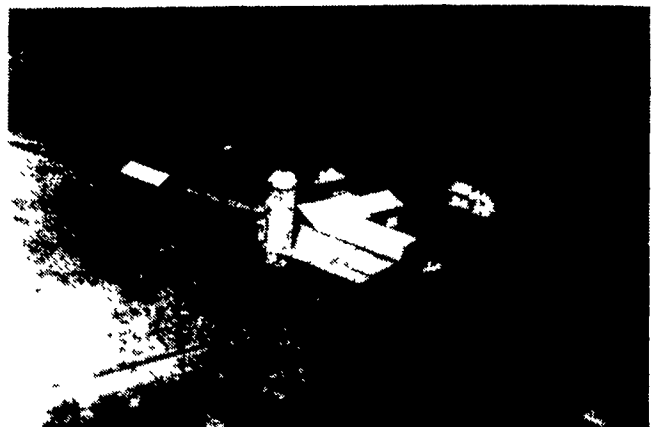
40 Acres - 3 bedroom home, 2 small
barns.

Vineyard farms - large and small -
Country homes - Lake lots Call anytime -
If not there - we will be.

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FOR SALE

170 ACRE DAIRY AND APPLE ORCHARD FARM



Sodus, New York
50% Financing Available

For More Information Call

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or

717/354-0006

36 REAL ESTATE

Wanted to Rent: Menno-nite family needs 3-4 bedroom house. East of Lancaster, March 1. 717-687-0878.

For Rent
164 Acre Limestone Dairy Farm. Large stone dwelling. \$1,500 per month. Carlisle, PA
Call
717-243-6195
9 AM - 5 PM

YATES COUNTY, NEW YORK. Crop farm for sale. North of Penn Yan. 315 acres, remodeled farm house, barns. Terms available to qualified buyer. Owner wants action. \$229,000. 105A Century 21 Four Seasons, Penn Yan. 315-536-7456

18 ACRES
Tillable fields, woodland, meadow, trout stream, 2 barns, corn crib, spring house, good 2 story house, quiet location. Easy drive to Harrisburg. Priced in the sixties. Call Carl at
KINGSWAY REALTY
717-569-8701 or
717-464-2233

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

MIFFLIN COUNTY
2 1/2 mis. off 522N, 105 acres, 5 Rm., Bath, All elec. home, Barn, Corn Crib, 75% woodland mature timber, very private, good hunting. 40 mis. from State College. \$150,000.00. Day
717-248-4939
after 5 pm
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Ask for Marv

FARM FOR SALE BY OWNER

50 cow operating dairy farm, barn 46x104, new 2" pipeline, 1986, like new bulk tank, 16x55 silo, 12x55 silo, both with Jamesway unloaders, insulated shop, 7RM remodeled house w/attached garage, 50 to 400 acres of land. Would also be suitable for beef operation.

Easy access but secluded. Excellent hunting. Eastern Tioga County. Possible owner financing to qualified buyer.

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So. Northumberland Co. & Surrounding Counties.

No Money Down. 44 acres, 2 homes & barn, 20 tillable. \$89,000. Call Peter.

No Down. 33 acres, 10 tillable, balance wooded against mountain \$1,500/acre. Call Peter.

No Down. 100 acres, 75 tillable, prime land, \$1,500/acre. call Peter.

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Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Bob Yarger, Sales Assoc., 717-648-6217
George Wolfgang, Sales Assoc., 717-648-3201

Southern Huntingdon Co. Farms

Germany Valley

2 adjoining farms, totaling 316 acres, approx 1/2 tillable, has old stone house, large limestone caverns over 200' long w/underground stream coming out of ground w/trout reproducing in it. Would make great recreational development or farming \$850 per acre

Germany Valley Dairy Farm

With 8 room & bath brick home, 136 acres w/approx 100 acres tillable Limestone ground, 40x100' modern barn w/47 stanchions, 40x72' free stall barn, pipeline milk system, 1200 gal. bulk tank, 20x80' & 14x65' concrete silos w/unloaders, 40x80' & 20x60' implement building w/corn cribs along side, many other extras \$195,000

Near Three Springs

Dairy farm, 175 acres w/150 acres tillable, large barn w/44 stanchions, 2 nice homes, stream & good spring on property. Many other extras \$285,000

Near Shirleysburg

65 acre farm w/large frame 2 story house, 50x76 barn, 16x50 concrete silo w/unloader, 60' concrete feed bunk, 2 wire corn cribs, milkhouse, bulk tank, spring fed pond \$79,000

Colonial Real Estate Agency
814-447-5511

FOR SALE - OPERATING BEEF FARM

234 Acres Nice mix of fenced pasture with shade & stream as well as tillable fields. Some woods 2 Story bank barn set up for beef, additional outbuildings for beef & machinery. Good 2 story 4 BR farmhouse remodeled & insulated with wood & gas heat. Nice farm pond \$112,000 M-984. * Additional 150 acres bordering farm, completely fenced at \$350/acre.

TIoga COUNTY DAIRY FARM

200 Ac, 120 tillable, mostly alfalfa ground 50 Tie stalls, 2" Delaval System Pipeline Long sealed silo and concrete stave silo 2-family house, 6 mi. South of Wellsboro. Yours for only \$169,000 - \$150,000.00 assumable 5% mortgage to qualified buyer Cows and equipment also available M-924

FARMETTE IN CHARLESTON TWP.

Good 4 BR farmhouse & barn New addition with 30 stalls, and good barn cleaner. Immediate possession of house, barn presently rented \$100 per mo thru May Excellent for horses, beef, or dairy 8.8 acres, tillable & pasture Just - \$37,500 00 M-809

THE Real Estaters
of MANSFIELD

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717-662-2138 717-662-2363

FOR SALE

Prime river bottom ground
In Clinton Co.

Parcel #1: 120 acres including drainage tile (AB1, ATP125 reel system) available Underground irrigation main. 4BR frame house, barn (green tomato packing shed), planted in winter wheat. Available now.

Parcel #2: 89 acres, 5BR remodeled house, large barn w/truck bays (great equipment repair facility), grain facilities including (24,000 bu. dry and 25x90 Harvestore), MC-665 continuous flow grain dryer. Available now.

717-748-8322 or
717-748-7376

Delaware Farm

Prime grain farm consisting of 216 acres in high state of cultivation. Nice home, shop, implement shed etc Would like to sell and give possession for 1987 crop year! #F634

Poultry Farm Plus

41'x650' Perdue Chicken House with \$31,000 per year income. 2 nice homes, many large outbuildings, a parcel has been zoned for small business, and 95 acres of land. There are many income possibilities. This would be ideal for a family operation. #F589

Eastern Shore, Maryland

Prime parcel of farm land consisting of 330 acres, with long road frontage on 2 hard roads. Presently used as grain, hay, hog and sheep operation. 2 story home, 1 story home, mobile home hook-up and many outbuildings. This farm is large enough for 2 families to divide. Owner will give possession for 1987 crop year! #F491

We also have other farms available. For more information call J. Patrick Callahan, Farm Manager at (302) 678-1646 or (302) 492-8030.

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555 E. Lookerman St.
Dover, DE 19901
(302) 678-1646

WIMPLE ASSOCIATES

MOHAWK VALLEY

GOOD BUILDINGS, GOOD LAND, NICE LOCATION sum up this 250 acre dairy where the owner has worked very closely with ASCS Barn is in good shape, has 60 stalls for milking on 2" Delaval pipeline plus 28 YS stalls, 2 large silos plus Harvestore HMSC, 1000 gallon tank Modern kitchen in 9 room Colonial home JUST LISTED! \$150,000 with owner terms CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

INCLUDES 154 HEAD: 218 acre farm with 155 tillable Well limed land Barn has 91 stalls with Universal pipeline, 20x80 Harvestore plus (2) 18x45's w/unloaders, new 1000 gallon tank w/heat saver Very good 9 room home with inground pool INCLUDES 81 milkers, 74 YS, 5 tractors, crawler, long line of machinery for \$340,000 CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

SYRACUSE AREA

GREAT PRICE...NEARLY NEW BARN: 211 level acres with 180 tillable Excellent barn has 79 ties with new Surge pipeline, new Patz cleaner, 3 silos with 2 new unloaders Heifer barn for 26 head Attractive 4 bedroom slate-roof home Good location in heart of Oneida County JUST LISTED! \$150,000 with negotiable terms CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

SOUTHERN NEW YORK

"CHECK THIS PRICE" ..220 acres of nearly all open land with 10 acre woodlot Year round stream Block barn was built in the mid 70's and in very good shape It has 90 large ties on 2" Surge pipeline, 1250 gallon self washing tank, 2 cleaners 2 silos Very neat barn and milkhouse Excellent views from the 9 room home, also in good shape JUST LISTED & BETTER HURRY AT \$129,500 with terms For appt call 607-792-3355 or WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

COMPLETE DAIRY FOR HOBBY FARM PRICE real good 36 cow barn with dump station, Patz cleaner, 2 silos, unloader and mow elevator 40x60 heifer barn Attractive 8 room home with wood/oil furnace 220 acres, 20 wooded Fertile, well improved land INCLUDES 24 milkers, 21 YS 560 Long Diesel 4WD plus 2 other good tractors long line of machinery JUST LISTED! \$150,000 Of fered by lifetime owner Hurry! For appt call 607-792-3355 or WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

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New Listing

SOMERSET CO

130 Acre dairy with pipeline bulk tank three silos implement shed Remodeled three bedroom house Good clean farm For more information or appointment to see call Ernest Holsopple at 814 479 7682

SOMERSET CO

150 Acre dairy farm 75 acres tillable 3BR house barn for 30 cows plus heifers or could be used for beef Priced to sell For more information or appointment to see Call Ernest Holsopple at 814 479 7682

TIoga CO

Near Canton is this 118 acre executive hide away Ideas for this property are sheep hog or horse farm Some woodland a large several acre pond with waterfowl and a new 40x60 bank barn Call Sandy Leaman at 717 569 4264

HUNTINGDON CO

One of the nicest farms in Huntingdon County Hog and beef operation A good bargain at \$2 000 per acre Close to everything Church shops schools etc Excellent for hunting This farm is a show place Buildings in A 1 condition New 200 hog fattening units Liquid manure system contract with Purina Call Ken Young 426 1098 to see

UNION CO

White Deer Twp Very desirable mountain property with 27 Acres and a cabin Phone and electric to cabin Near state game land Excellent trout stream forest and water Access road to property Call Fred Clark 717 523 7201 for more information

24 acres all wooded Deer and grouse Excellent hunting area Call Sandy Leaman at 717 569 5264

COLUMBIA CO

185A Dairy with pipeline 500 gal. bulk tank large bank barn well water and stream in high state of cultivation Has great potential and is reasonably priced Call Pete Zeisloft at 717 437 2305 for more details as well as other fine farm listings

SNYDER CO

Rent take an option or a first rate of refusal on this dairy farm Spring or earlier possession if you hurry 85 acres tillable 118 total Some woods 50+ stalls Call Sandy Leaman at 717 569 4264 for details

LYCOMING CO

This dairy farm in high state of cultivation is priced at approx \$1 000/acre and is an exceptional buy Includes 4 bedroom house with 1 1/2 baths The owner is selling for health reasons and will look at any reasonable offer Call Sandy Leaman for an appointment to see at 717 569 4264 Must be sold

BRADFORD CO

250 acre ideal for a veal or beef operation Barn 44x144 Level high production land pond large home Silo and room for an air strip A great place for a very reasonable price Call Sandy (717 569 4264) or Barb LaMont (717 297 2619)

418A Large dairy operation near Troy This super dairy farm is in a high state of cultivation with two harvestors and stone silos free comfort stalls for over 125 cows or more The exceptional farm house is one you must see Talk to Sandy (717) 569 4264 or Barb (717) 297 2619

JUNIATA CO

136A beef for only \$169 000 Richard Crawford at 734 3673 for this and other beef farms in Juniata Co

DAUPHIN CO

137 Acre multi use farm Could easily be a modern dairy or beef farm Maybe even sheep or hogs There is a 2 story turkey house with a 3 stage growing program for 6 000 Rather new modern home A buy under \$350 000 Call Pat at 896 8958

PERRY CO

110 acre dairy with 24 stanchions and 30+ free stalls There is approximately 100 acres for rent on adjoining farm This farm is in a high state of cultivation Home has recently been modernized insulated and is in excellent condition This beauty is priced at \$219 500 Call Sandy Leaman 717 569 4264

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YORK ADAMS SOUTHERN CUMBERLAND AND FRANKLIN COUNTIES CALL JERRY K STERN AT 717 246 1471

SOMERSET CAMBRIA BLAIR HUNTINGDON AND FULTON COUNTIES CALL ERNEST HOLSOPPLE AT 814 479-7682

UNION AND MONTGOMERY COUNTIES CALL FRED CLARK AT 717 523 7201

COLUMBIA AND NORTHUMBERLAND COUNTIES CALL PAUL PETE ZEISLOFT AT 717 437 2305

LANCASTER COUNTY CALL KEN YOUNG 717 426 1098 OR SANDY LEAMAN 717 437 2305

DAUPHIN COUNTY CALL PAT KAUFFMAN 717 896 8958

BRADFORD COUNTY AND LYCOMING COUNTY CALL BARBARA LAMONT 717 297 2619

JUNIATA PERRY FRANKLIN COUNTIES CALL RICHARD B CRAWFORD 717 734 3673

VIRGINIA FARMS AND LAND

80 Acres, 30 open, good frontage, \$850/acre.
 88 Acres, pond & valuable timber, \$735/acre.
 59 Acres, 3 bedroom house, beautiful pond, valuable timber, \$135,000.
 210 Acres, 50 acres of good crop land, valuable timber, large building.
 361 Acres, 50 open, valuable timber, good frontage, developing area, \$300,000.
 We Have Many Other Farms, Homes, and Land. For More Information On These Or Other Virginia Property Needs, Call:
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804-633-5902
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WEST LANCASTER CO.

Poultry Farm- 3 Poultry houses with auto. feeder & waterer, currently set up as layer operation, 108,000 bird capacity, all located on 20 acres plus. Zoned agri. Immediate possession, good return on investment. Easy financing. \$298,000.

Layer House Complex, over 100,000 bird capacity, auto. feeders, zoned agric., on 20 acres, easy access off Rt. 441. Financing available. \$298,000.

41 Acres of open ground, zoned agric., sub-divided partially, tremendous potential to investor, 1 acre lots and a couple 10 acre lots included. \$165,000.

SO. LANCASTER CO.

78 Acres wooded & openland, possible financing, minutes to Willow Valley.

LOOK!! MOM & KIDS

18 Acres, 8 tillable plus pasture & woods, 2 small barns, corn crib, good 2 story house, spring, trout stream, hunting, etc. Easy drive to Harrisburg. New listing, under \$70,000.

ALMOST LANCASTER CO.

Fertile acres, open & wooded, quiet setting, short drive above Harrisburg, 40 acres, frontage, log house, in the fifties.

UNION CO.

Penns Creek, state game forest, turkey & deer, own your own mountain, seclusion, 189 acres. Priced under \$400/acre.

ATTN: 4x4

\$28,500 buys 34½ acres, stream, wooded, open land, seclusion, deer, etc. Minutes to I-80 and to work.

**** WESTERN SNYDER COUNTY:** 150± acre farm — mostly tillable, old house, good barn.

**** JUNIATA COUNTY:** Near Oriental. 207± acre farm. House in process of remodeling. New bath. 4200 bushel grain bins. Bank barn.

**** LAND:** 61 acres with public sewer and water available.

**** NORTHUMBERLAND COUNTY:** 180 acre farm with two houses in lower Augusta Twp. Will consider subdividing 2 homes and 5 acres ±. \$195,000.

**** NORTHUMBERLAND COUNTY:** 92± acre farm with 91 tillable. 3 BR 2 story home and barn. Rockefeller T. \$97,000

**** GENTLEMAN FARMER:** Spacious 3 BR home with quality and craftsmanship thru-out. Featuring beamed ceiling and fireplace. On 2 acres with view. Northumberland Co. \$123,000.

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No. 3 The Real "Limestone" Colonial Truly magnificent. Cut stone as perfect today as it was in the 1800's. Lots of charm and appeal. 250 acres of the nicest laying fields you'll see anywhere. Special setting. Excellent 72 tie, bank barn, large machinery storage. **New Englanders** will love this farm and Penn. farmers too! (Good owner terms) (Large lineup of A-1 machinery available) Asking \$225,000.

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CODORUS TOWNSHIP - This parcel of prime, gently rolling, agricultural land (presently being no-tilled) is truly a rare find. Over 168 acres and is almost entirely tillable. Includes a 50x300' building, large implement shed, some woods, and a small stream. Approximately 4,000' of road frontage. Don't over-look this farm! \$285,000

34 ACRES

FAWN GROVE - Prop your feet up on the huge tree shaded front porch of this historic log home and look over your gently rolling, secluded 34 acres of farm land. Large fenced pasture with a pond, bank barn, outbuildings, and summer house. All nestled down the lane in a quiet valley. Don't miss this one! \$114,000

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282 acres, 120 tillable, nice home & barn.

153 acres, 138 tillable, beautiful Colonial home.

150 acres, 140 tillable, excellent vegetable ground, improvements.

11,000 square ft. storage & office space for Agricultural rental.

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Snyder County
Amish Farm, 40 acres tillable, house, barn, tobacco barn, and silo, all 5 years old. Private \$88,900.

House, barn, on 54 acres, largest cider press in the county. Near Amish community.

130 acres, 90 tillable, 3 BR home, pond, barn for steers. \$175,000.

115 acres, fruit farm, 2 homes, barn. Will subdivide. Established Fruit Farm.

130 acres, 105 tillable, 2 homes, barn for steers.

145 acres, 100 tillable, 12 room home, and barn. \$140,000.

125 acres, house, barn, and cabin.

Integrity
 Real Estate
717-837-1061

76 ACRES

located in Martin Twp. General farm featuring 60 acres of tillable high producing soil, 4 bedroom farmhouse, barn, 12x60 silo, tobacco shed, 40x100 equipment shed & 10,000 cage layer house. \$243,000. Call 717-464-4700.

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Situated on 106 acres w/100 acres tillable. Highly productive w/frontage on 2 roads. Two large tobacco sheds, 100,000 bushels capacity grain drying operation, lg. pond & a 6 stall horse barn. Also includes restored Brick farmhouse w/lg. modern addition. Only 10 minutes from Lancaster. \$495,000. Call 717-464-4700.

YORK COUNTY

128 Acre farm w/110 tillable acres. 2½ story 4 bedroom home w/2,000 sq. feet of living space, spring, pond, bank barn and implement shed w/truck scales all in very good condition. Super setting at end of long paved lane. One mile road frontage. \$255,000. Call 717-786-2131.

STATELY STONE HOME

Circa 1830, recently repainted. This enduring home has been gracefully updated for today's lifestyle. Featuring 3 bedrooms, 2 baths, summer kitchen, 1st floor solarium, family room w/woodstove, and 2 car garage. Beautifully situated on 6.6 acres of rolling countryside, privacy without isolation. Herb garden. 36x21 barn for horses. \$195,000 Call 717-786-2131.

Century 21
American Heritage
 (Formerly Emory Wagner)

POTTER COUNTY

• 116 Acre, hunting ground 30 acres open, balance wooded, borders 2 roads & river Possible Owner financing \$50,000

LEHIGH COUNTY

• 100 Acre dairy farm, 80 tillable, features 90 cow free stall barn w/freshening area and bulk feeder, 36 stall milking barn w/pipeline milker, bulk tank, barn cleaner. Lovely 2½ story home, large kitchen, DR LR, laundry, 5 BR, 2 baths, full attic & basement (2) 20x60 Harvestore silos, 20x80 concrete w/unloader Stream & pasture, level land, \$300,000

TIOGA COUNTY

• 800 Acre Dairy Farm 400 T 2 very good, lovely homes 83 stall dairy barn Steel pipe line, 1000 gal tank and barn cleaner (2) 16x60 and (1) 14x40 silos with unloaders Large heifer barn \$365,000 Full line of machinery and cattle available

• 122 Acre 100 T dairy farm, 47 tie stalls with 24 free stalls 800 gallon tank barn cleaner, pipeline milker, 20x60 concrete silo with unloader good house with kitchen dining room 2 living rooms 3 bedrooms and bath \$110,000

• 126 Acre farm 70 T 45 pasture balance wood land Land only Near above farm \$65,000

SCHUYLKILL COUNTY

• 234 acre woodland tract joins state gamelands borders Rt 81 & secondary road Pine Grove area good hunting area call for details \$175,000

BRADFORD COUNTY

• 5 acre Dairy Farm Modern 74 stall dairy barn Bulk tank, steel pipe line, barn cleaner, 20x32 Harvestore silo and 20x60 concrete silo Manure storage Modern Ranch home with 4BR's Kit, DR LR Bath and Den \$145,000 Also second house available

• 500 Acre Dairy Farm, 450 tillable, features 184 freestall dairy barn, 125 stall heifer barn, double-8 milking parlor, two 1,000 gal bulk tanks, two 100' bunk feeders, three-24x60 and one 20x60 concrete silos w/unloaders, lovely 4 BR home w/kitchen, LR, FR, office, den, laundry & bath 2nd home 3 BRS & bath Spring fed pond & much more Call for details \$650,000 Cattle & machinery available

• 188 Acre 130 T Dairy farm with large double 13 room house 3 car garage, 86 stall barn 1,000 gal tank pipeline milker barn cleaner large machinery shed \$165,000 Cattle & machinery available under separate contract

SUSQUEHANNA COUNTY

• 565 Acre dairy farm Features 145 stall barn heifer barn large machinery shed 2½ story house with kitchen dining room living room, office family room laundry 3 bedrooms 1½ baths 2nd House Modern 3 bedroom with kitchen dining room, living room and bath Apartment with modern kitchen living room dining room, 3 bedrooms 1½ baths 3rd House New 2 bedroom kitchen living room and bath \$750,000



BERKS CO

• 140 Acre Farm features lovely 2½ story stone home, modern kitchen, dining room, living room, center hall 4 large bedrooms & bath, large bank barn, 2 large machinery sheds, small horse barn, large storage bins, gently rolling land with pond & stream, \$460,000

• 70 Acre farm features 50,000 bird automated high rise laying house with packing room large steer barn, corn cribs, lovely 2½ story stone home with kitchen dining room living room, family room and 4 bedrooms, 2 baths \$550,000

OTHER FARMS AVAILABLE

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**GOOD 'N PLENTY RESTAURANT
WEDNESDAY, FEBRUARY 11, 1987
10 AM - LUNCH - FAMILY STYLE**

**KUTZTOWN GRANGE
THURSDAY, FEBRUARY 12, 1987
10 AM - LUNCH - FAMILY STYLE**

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Development
Ph D. Pennsylvania State
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Research Farms
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Animal Scientists
National Joint Council on Food
and Agricultural Sciences
Responsible for Agway's
Research and Development
Programs**

**Dr. Kendall L. Dolge
Manager of Nutrition and Quality
Assurance, Agway, Inc.
Graduated from University of
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MS - University of Connecticut
Ph D. Cornell University
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situation and provide you with a
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There's a very good reason why we want farmers to prosper. It's because we're farmers, too. The Farm Credit System is owned and controlled by the farmers who use it.

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But who's always been in the background. 

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dhia

Pennsylvania Dairy Herd Improvement Association

Adams County
DHIA
Monthly Report

December 1986

A 6-year-old Holstein owned by Ray Dutterer topped the Adams County DHIA for December. In her most recent lactation she produced 26,468 pounds of milk and 1,199 pounds of fat in 305 days. A cow owned by Brown Valley Farm topped the list for milk with 26,858 pounds of milk and 938 pounds of fat.

Name	No. Brd.	% Days Cows	In Milk	Milk Lbs.	3 Fat X Lbs.
Kit-Way Farm	3	68.0	89.9	21,010	770
Milton R Hoffman	3	45.5	90.1	19,780	761
Kling Ayr Farms	3	34.6	91.4	21,336	753
Brown Valley Farm	3	71.2	88.6	19,865	719
Ray Dutterer	G3	67.6	88.3	18,985	719
Yellow-Buttercup Farm	3	159.5	88.6	17,826	702
MR & CS Durboraw	3	63.1	89.7	18,249	683
Donald Todt	B3	55.0	88.1	18,768	676
Leroy Deputy	B3	132.3	86.5	17,983	666
Fred-Chris McGilvray	B3	57.9	86.7	18,062	656
Ber Crk	3	67.8	87.7	17,800	650
Stoner Bros Dairy	G3	76.3	88.0	18,009	649
Lagging Stream Farm	B3	122.8	83.7	16,394	647
Zeppdale Farms	B3	122.5	89.9	18,066	646
Penn Gate Farm	3	77.8	78.1	17,585	644
Robert C Hoffman	3	26.1	84.1	17,667	635
Wayne H Rodgers	B3	100.1	86.1	17,978	625
Kevin S Holtzinger	B3	240.7	85.6	17,632	620
Kraybill Miller	G3	39.3	91.0	15,747	611
Adam F Lobaugh	3	42.4	87.2	16,528	611
Roy A Weaner Jr	3	56.2	86.3	16,793	606
MJ Starnier & Sons	B3	149.8	84.8	15,297	598
Weim Sharr Farms	3	75.5	83.6	17,506	591
Rinker Bros	G8	42.8	87.1	15,859	590
George I Lauchman	B8	43.8	83.8	15,877	589
Leroy Basehoar	B3	69.2	80.5	14,809	586
Holstein Supreme	G3	191.9	86.0	16,126	586
Getty Acres	B3	184.0	84.3	16,448	585
Way Brite Farms	B3	137.4	87.6	16,471	582
Robel Acres	3	78.9	87.3	16,955	582
Home Side Acres	B3	46.6	79.0	16,219	577
Richard K Herr	B3	164.7	87.2	16,847	577
Frank Ludwig	B3	32.5	87.9	15,601	576
Jeff+Mary Kay Roche	B3	32.5	90.6	15,616	565
Larry Holtzinger	B3	45.0	86.3	15,888	561
R+K Cunningham	B3	46.5	85.7	15,713	561
Grove Bros	B3	87.7	84.8	16,474	558
Buttonwood Farms	3	148.2	87.8	15,225	554
Robert & Linda Meyers	B3	87.2	88.5	15,430	547
Roger L Sprague	G3	61.8	87.6	15,535	545
John J Hess	B3	146.9	84.4	14,821	528
Pennstead Farm	B3	45.8	88.5	13,325	528
Kehr Acres	3	81.7	85.3	13,912	522

Piney Lane Guernseys	2	57.2	86.5	11,127	517
Pleasant Acres	B3	64.9	86.2	14,465	512
Shamrock Farm	B3	59.9	85.3	12,930	475
Robert L Rohrbaugh	B3	68.6	77.5	13,754	466
Hubert R Brown Sr	B3	58.2	82.2	13,092	465
H&W Farms	B3	65.8	75.3	12,438	455
Oscar E Mehring	B3	34.5	83.3	12,808	454
Knud A Hermansen	B3	85.5	80.2	13,117	448
Rhodes Enterprises	B3	159.4	79.7	11,229	443

The following cows completed lactations during the December testing period

Brown Valley Farm	3	5.4	305	22,698	4.1	936
Actress	3	4.3	305	26,858	3.5	938
Inspire	3	3.4	305	22,523	3.3	747
Vox						
Penn Gate Farm	3	5.1	305	20,841	3.7	778
Thelma	3	8.0	305	26,078	3.8	999
Tam	3	2.8	305	19,115	4.0	764
*AbbeyG	3	2.1	305	21,251	3.6	770
Silver						
Robel Acres	3	5.9	303	21,120	3.9	817
76	3	4.1	274	21,113	3.3	707
58						
MR & CS Durboraw	3	4.4	305	20,731	4.0	834
122C	3	2.1	305	18,517	3.8	702
35D						
NJ Starnier & Sons	3	5.4	305	21,845	3.8	828
205						
Leroy Basehoar	3	5.6	304	17,663	4.2	750
66	3	4.0	305	17,277	4.1	708
54	3	3.1	305	18,668	4.7	883
55	3	2.5	305	16,858	4.2	713
25						
Donald Todt	3	10.2	294	19,181	3.8	722
Tina	3	7.0	305	24,494	3.2	793
56	3	6.3	305	21,071	3.5	734
68	3	4.3	305	18,871	3.8	721
14	3	3.4	305	19,507	3.8	737
67	3	3.4	305	19,498	4.6	892
53	3	2.0	305	19,559	3.8	734
39						
Buttonwood Farms	3	5.5	305	20,136	3.6	715
Gin						
Lagging Stream Farm	3	6.9	304	18,811	4.5	840
Jessie	3	4.6	305	24,487	3.3	804
Ruth	3	4.4	305	21,018	3.8	804
Topsy	3	4.1	305	21,976	3.3	720
Rhoda	3	3.1	305	17,400	4.6	798
Honda						
Ray Dutterer	3	6.4	305	26,468	4.5	1199
116	3	4.5	305	25,764	3.9	1007
148						
Kit-Way Farm	3	8.1	305	22,092	3.9	858
Polly	3	7.1	305	20,829	4.6	968
Tillie	3	4.4	305	25,177	3.7	923
Light	3	3.7	287	15,707	4.6	719
Lucy	3	5.5	305	25,829	4.1	1064
Hope	3	8.4	305	26,046	3.4	891
Bettina						
Robert & Linda Meyers	3	5.3	305	21,315	3.3	711
46						
Leroy Deputy	3	4.11	305	24,855	3.2	798
Amelia						
Rinker Bros	3	3.4	305	18,844	3.9	727
Milly						
Getty Acres	3	6.1	305	19,449	3.7	723
443	3	4.7	275	20,383	3.5	708
474						

Robert C Hoffman	3	6.2	293	17,889	4.3	778
Becky						
Fred-Chris McGilvray	3	3.2	305	19,324	4.5	874
10	3	3.10	305	21,863	3.3	715
20						
Kevin S Holtzinger	3	3.3	294	19,039	4.0	768
289	3	3.4	305	22,080	3.5	766
433						
Richard K Herr	3	6.11	305	21,522	3.3	715
148	3	3.4	305	22,143	3.6	800
273						

MERCER COUNTY DHIA
December 1986

Owner	Brd.	No. Cows	% Days in Milk	Milk Lbs	Fat Lbs
Dewane & Wm Coulter	3	59.8	91.3	22,909	797
Rollin B James	B3	50.3	86.7	21,136	766
Richard E Slater	G3	32.9	88.6	18,316	736
Lengel Brothers	G3	169.8	91.7	20,169	736
Vantage Jerseys	4	93.1	89.0	16,312	714
Clarence Minner	B3	63.0	90.2	18,721	709
Arthur Baxter	3	40.7	86.1	19,405	703
Laszlo Mozes	3	33.8	91.6	18,918	701
Clan Campbell	G3	73.2	86.9	18,240	699
Canon Dairy	B3	82.0	87.1	19,294	694
JH Vanderstappen Jr	4	50.4	87.1	14,147	688
David L Melton	G3	42.8	87.0	19,119	682
Romar Jersey Farm	4	87.9	85.6	15,252	682
Mrs Martin J Gall	G3	17.9	84.4	18,673	679
John Angermeier Jr	G3	40.7	87.0	19,755	676
Mrs Chas Robinson	B3	72.3	85.7	18,441	673
David & Leigh King Jr	B3	45.6	83.0	18,798	673
A W Moore	B3	57.1	82.7	19,610	665
Dale L Kepner	B3	40.4	85.7	18,488	664

The following cows completed lactations over 850 pounds of fat during the December 1986 testing period

Lengel Brothers	7-02	305	27,909	942
590	2-11	305	19,899	937
768	0-00	305	27,725	910
678	7-01	305	23,920	863
597	3-02	305	21,234	858
717				
A W Moore	4-02	305	23,709	942
Angel				
Rollin B James	7-02	305	26,973	927
Sheila	6-05	305	29,096	902
Killer	5-04	297	24,426	876
Sam	0-00	305	26,515	882
PeeWee	3 09	280	27,961	867
Lulu				
Horvath Farms	4 08	305	22,707	919
337				
David L Melton	6 01	305	23,277	917
47				
J H Vanderstappen Jr	6-07	305	16,784	896
Melissa	6-02	305	17,915	884
Milly 14				
A Nych	6-03	305	25,186	864
Riki				
Clan Campbell	3 02	305	21,183	863
32				



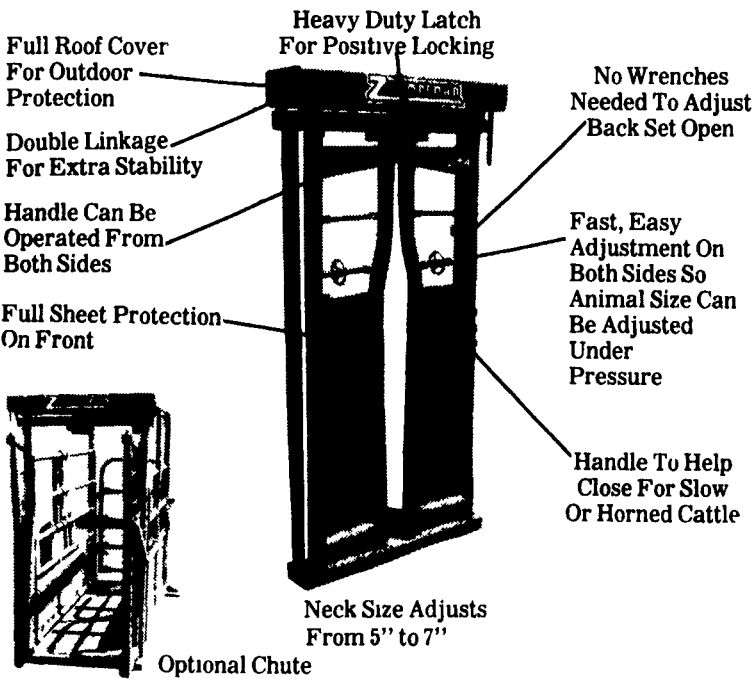
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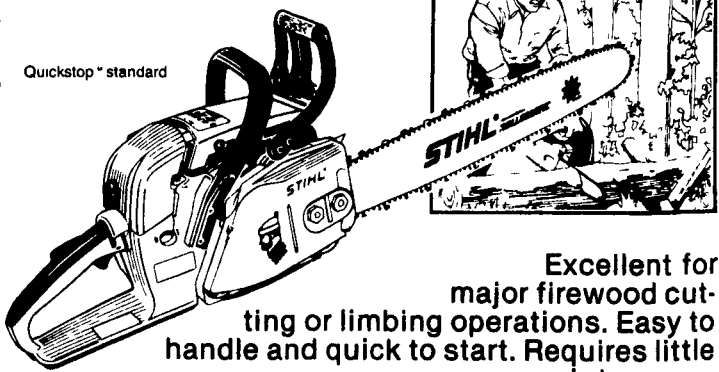


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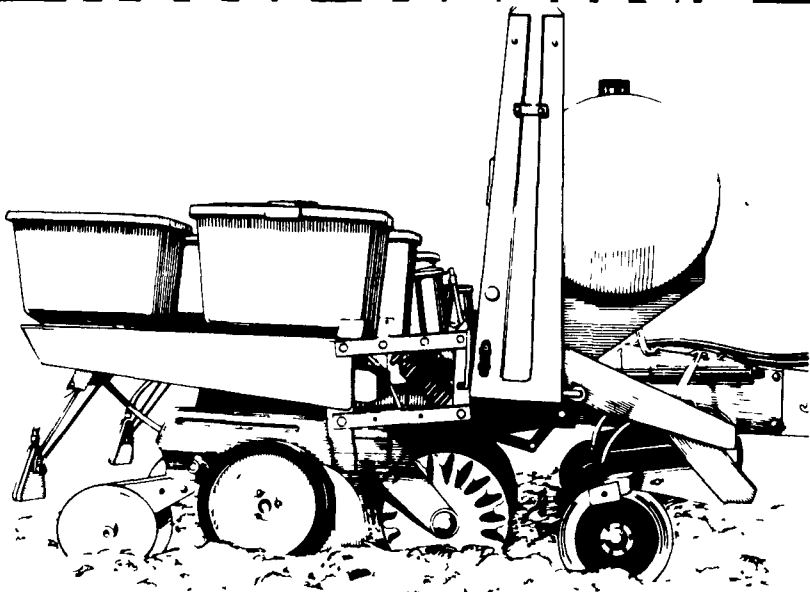
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as little as 60 horsepower

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dhia

Pennsylvania Dairy Herd Improvement Association

Tioga County
DHIA
Monthly
Report

December, 1986

Name	Brd.	No. Cows	% Days in Milk	Milk Lbs.	3 Fat X Lbs
L&J Holsteins	3	41 0	89 5	21,075	772
Leemon E Gaugler	3	42 4	87 6	19,427	757
Glenn Bowen	3	38 0	86 6	20,711	755
Oliver + Marian Butler	3	57 4	88 0	21,778	752
Dean Baity	3	56 7	89 6	19,002	738
Harold Robson Jr	3	55 5	88 1	20,190	735
Emery-Rick Davis	B3	54.0	86 8	19,059	728
William Chamberlain	3	46.1	86 6	20,112	720
Theodore Schmelzle	3	49 7	89 2	19,745	719
Paul & Emma Machmer	B3	22 9	85.6	18,239	712
Middle Ridge Farm	B3	110 3	88.4	17,175	711
Charles&Doris Porter	3	55 1	87 7	20,498	706
War-Bern Farm	3	97 7	86 5	18,876	697
David Cleveland	B3	46 5	84 0	20,004	693
Clark Bowen & Son	3	52 6	87 5	19,304	693
Shedd Ranch-PA	B3	53 9	92 4	18,381	684
Charles D Groover	3	15 1	83 3	17,899	679
Double-B-Farm	B3	40 1	87 1	18,277	677
Dale E Allen	B3	83.5	89 2	18,302	677
Verne E Bowen	3	41 2	89 6	18,928	676
Chris Gaugler	3	42 1	87 1	17,869	672
Doug+ Jenny Lawton	3	62 8	87 4	19,204	669
John S Bennett	B3	62 0	88 7	18,339	667
Gor-Wood-D	3	146 0	83 8	20,637	667
Jay Foreman	3	78 3	88 3	18,339	666
Robert L Miller	B8	78 2	85 4	18,615	665

Joseph + Velma Sherman	B8	80 8	90 5	17,142	663
Baker Family Farm	B3	154 4	87 1	15,485	663
Allan J Lilley	B3	44 2	88 8	19,313	662
Norman&Gary Jackson	3	38 9	83 9	17,374	653
Terry & Linda Long	B3	36 6	86 5	18,138	652
Perry & Eric Anderson	3	43 7	87 1	18,449	650

Cows that produced 850 pounds of fat or more in 305 days in December 1986 including the following

Gor-Wood D					
Margo	7 6	305	26 231	4 1	1076
Priss	8 6	305	29,136	3 4	988
Heart	3 2	305	24,746	3 5	871
Mike Buckwalter					
Leonie	5 0	305	27,376	3 9	1070
Ila	5 6	305	25 024	3 8	959
Middle Ridge Farm					
336	3 7	305	17,781	5 7	1006
Glenn Bowen					
Grace	5-6	305	29,332	3 3	981
Gwen	9 4	305	28,004	3 4	942
Dolly	6-6	305	25,482	3 6	925
Tom & Lynn Bower					
56	4 1	305	18,588	5 2	964
L&J Holsteins					
Sprkler	3 4	305	26,610	3 6	955
Tricia	3 2	305	23 294	3 7	865
Harold Robson Jr					
Girlie	8 9	305	25,283	3 7	935
Oliver & Marian Butler					
Toot	5-4	305	27,059	3 5	934
Carri	4-0	295	23,594	3 9	910
Lindy	4-0	305	24,582	3 6	876
Cheryl	4-9	305	23,749	3 6	856
War-Bern Farm					
Blazer	3-3	305	19,437	4 8	928
Baker Family Farm					
21	3-7	305	17,731	5 2	922
26	4-9	305	18,254	4 7	863
Leemon E Gaugler					
Gypsy	5-8	305	23,083	3 9	899
John S Bennett					
BF 2	12-5	305	22,523	4 0	896
Clark Bowen & Son					
Threat	5-3	280	21,721	4 0	879
David Cleveland					
Lori	4-2	305	23,700	3 6	862
Burdette F Brewer					
125	5-8	305	19,910	4 3	860
RA & Kathleen England					
Helen	6-4	305	25 432	3 3	851

MONTGOMERY COUNTY DHIA					
December 1986					
Owner	Brd	No. Cows	% Days in Milk	Milk Lbs.	3 Fat x Lbs.
Harold K Halteman		3	72 3	89 3	20,519 747
Merrill Mest	B3	32 0	87 1	18,605	740
Durrell + Dawn Delp	3	46 3	87 8	21,031	736
Arlin Halteman	B3	72 0	91 4	18,924	709
Patty-Run Dairy Fm	B3	58 6	88 1	19,330	694
Fred Seipt Family	3	118 2	89 5	19,167	688
Richard A Bechtel	B3	73 6	88 5	18,870	688
Du Mar Farm	3	58 7	86 3	19 772	681
Gehringer Bros	B3	51 4	88 0	18,902	679
Edward N Wissner	G3	41 2	85 6	18,843	675
George Seneko Jr	3	60 4	90 6	18,660	656
David P Longacre	B3	104 3	88 5	18,199	654

The following cows completed lactations over 850 pounds of fat during December

Merry Mead Farm					
21	3	4-02	305	25,038	890
Durrell & Dawn Delp					
Starb16	3	3-06	305	23,050	902
Correctional Indust					
1200	3	8-00	305	25,571	900
Harold Halteman					
Megan	3	3-08	305	23,413	857
Velour	3	3-01	305	23,256	885
Richard Bechtel					
106Y	3	5-06	305	22,613	944
Fred Seipt					
Simp134	3	7-00	305	27,830	966
Heth 102	3	4-02	305	19,400	852
Gehringer Bros					
Cameo	3	6-10	305	23,834	883



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or Lititz
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Wed., Thurs., & Fri.
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Thursday morning at 9 of
each week's publication
1 - Farm Equipment
2 - Farm Equipment
Wanted
3 - Silos and Unloaders
4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories
are available for your
classified advertising, in
Section B. Deadline-
Wednesday afternoon at 5
of each week's publication.
7 - Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Equipment &
Supplies
14 - Poultry & Supplies
15 - Feed & Seed
16 - Fertilizer
17 - Plants
18 - Fruits & Vegetables
19 - Nursery
20 - Lawn & Garden
21 - Services Offered
22 - Custom Work
23 - Help Wanted
24 - Situations Wanted
25 - Business
Opportunities
26 - Household
27 - Pets
28 - Lost
29 - Found
30 - Computers
31 - Notice
32 - Miscellaneous
33 - Recreational Vehicles
34 - Autos
35 - Trucks and Trailers
36 - Real Estate

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SECTION C - THURSDAY AT 9:00 A.M.
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14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

Huntingdon

County

DHIA

Monthly

Report

dhia

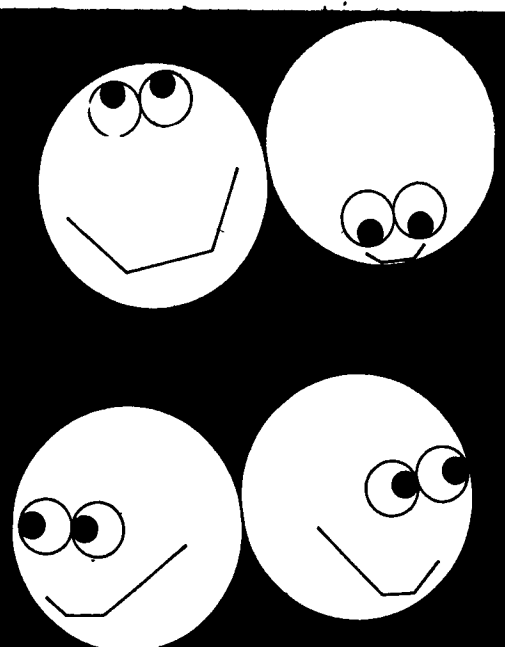
Pennsylvania Dairy Herd Improvement Association

December 1986

Name	Breed	No. Cows	Cow Days In Milk	Milk Lbs.	Fat Lbs.
Edwin Steach	B3	69.0	86.3	22,892	822
Tannery Road Farm	G3	66.3	86.7	19,865	727
Timothy R. Peachey	B3	76.4	87.7	19,831	718
Gregory & Nancy Yocum	B3	30.3	92.9	19,045	716
Gerald E. McMath	B3	75.0	86.2	19,532	715
Branstetter Farms	B3	92.7	84.7	19,277	714
Daland Farms	B3	118.7	87.5	18,937	711
James Boone	B3	40.8	86.5	20,488	711
James S. Kyper	B3	61.6	88.4	19,367	708
Joseph M. McMath	B3	57.2	83.8	18,689	697
Carl C & Carol Barnett	B3	71.9	88.3	19,488	693
Locust Lane Farm	B3	96.3	87.2	18,021	678
John W. Lynn	B3	55.0	85.5	18,783	677
Philip A. Yohn	G3	50.3	88.3	19,664	673
Behrer Farms	B3	175.1	86.4	18,428	672
E. James McMath	B3	123.5	90.9	19,175	672
Samuel K. Byler	B3	57.3	88.5	19,386	670
Geary E. Shade	B3	90.6	89.5	19,266	666
Sangrey Farms	B3	111.2	89.2	19,083	666
Harry & Robin Barnett	G3	36.3	88.0	18,343	658
Jason-John Byler	B3	43.4	88.9	18,921	658
Evergreen Farm No. 3	B3	419.5	84.8	17,848	656

Gibboney Farms	3	60.7	87.0	18,475	655
Gillbrook Farms	B3	217.2	89.7	18,291	654
Chester & Carole Smith	B3	150.5	84.3	18,082	652
Max Isenberg	B3	76.2	87.0	20,057	650

Evergreen Farm No. 3					
1960	3	03-02	305	27,508	1003
1699	3	05-10	305	18,779	903
1924	3	03-97	305	20,152	900
1719	3	04-07	305	25,769	895
1362	3	07-03	305	23,122	892
Geary E. Shade					
Clipper	3	04-04	305	25,674	954
Willard J. Yoder					
175	3	03-08	305	19,812	901
Baney Brothers					
Lil	3	04-07	305	25,281	888
Carl C & Carol Barnett					
Jen 308	3	05-08	305	22,262	888
113	3	03-04	305	19,484	880
John W Lynn					
Aggie	3	04-07	305	22,001	877
Lakevue Farms					
Rosanna	3	09-11	305	21,547	874
Daland Farms					
Tami	3	03-11	305	20,899	874
Sidonie	3	04-03	305	19,809	851
Gilbrook Farms					
Jig 1793	3	04-05	305	26,993	864



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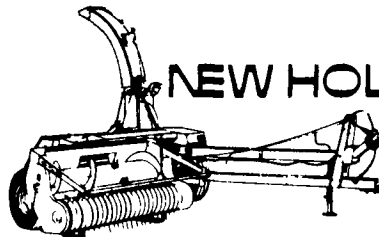
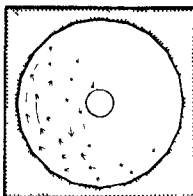
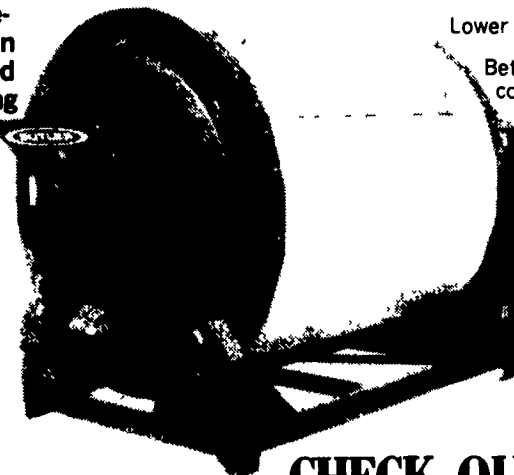
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Lower feed costs

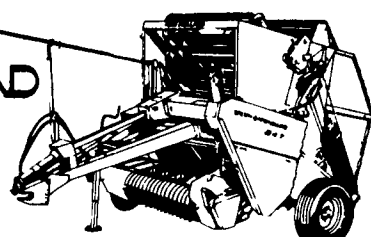
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Waterfall action

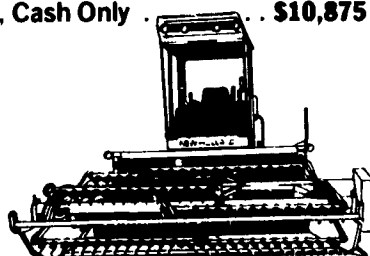


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Maryland Names Deputy

ANNAPOLIS, Md. — Maryland's Secretary of Agriculture, Wayne A. Cawley, Jr. has announced the appointment of Robert L. Walker as the new Deputy Secretary for the Maryland Department of Agriculture. Walker fills the vacancy created by the recent retirement of Dr. Hugh Binks. Walker's appointment becomes effective immediately.

Since July of 1985, Walker has served as Executive Assistant to Secretary Cawley. Prior to that, for 11 years he was employed by the Baltimore-based Esskay

Company, where he held several positions including that of Vice-President, Corporate Services.

The newly named MDA Deputy Secretary has attended the School of Public and International Affairs at George Washington University where he was a graduate student of Russian Studies. He received his B.A. degree in Political Science from Towson State University.

Robert L. Walker is a former President of the Baltimore City Board of School Commissioners. He is married and the father of three.

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FOR SALE: Goossen bale chopper, 3PTH, PTO drive, like new. Can deliver to Lancaster area. \$800. Kent Co. 302-398-8047.

FOR SALE: JD 6 new 14", 4 bolt plow shares; JD 1240, 4RN, dry fert. insect., double disk openers; JD 76, 440 liquifire, new track, bearings, low miles. 717-665-7434.

FOR SALE: NI #10 horse-drawn manure spreader, completely restored, like new condition. Galen Strite, 6300B Old Mid Road, Middletown, MD 21769. 301-371-9691.

FOR SALE: Parts for AC Model G tractor, new and used parts. 201-850-1565 eves. Ask for Lester.

FOR SALE: Parts for Oliver OC3, OC4 and OC6 tractors. 201-850-1565 eves. Ask for Lester.

Forklift, tractor mounted, hyd. slide & tilt, \$650. 301-833-9091.

For Sale: 13 Shank mounted IH #55 chisel plow, \$1475. Snyder Co., 717-837-0724.

For Sale: 1979 Int. Eagle tandem tractor, 13 speed, 400 cum., power steering; 1978 Int. tandem tractor, 13 speed, 350 cum. 304-258-1370, ask for Harold Largent.

FOR SALE: 2R custom built corn planters with JD max-emerge or Kinze plateless units. Three pt. or pull type. No-tilt or conventional. Also Tifone air-blast sprayers. Low as \$2,800. Pequea Planter, 561 White Horse Rd., Gap, PA 17527. Lanc. Co.

FOR SALE: 5 ton all stainless Wilmar fertilizer spreader, very good condition, \$4,000. Wyoming Co. 717-388-2495.

FOR SALE: Allis Chalmers 6070 tractor, like new, excellent condition, 800 hrs. 215-273-9884.

FOR SALE: Farmall 560 dsl. in good condition, TA is fair. Lebanon Co. 717-865-4240 or 717-865-4650.

For Sale: 13' 6" Stoltzfus lime body w/30' sowers, all hyd. 717-292-5159 after 5 p.m.

For Sale: 1974 Ford gas 4,000 with Ford loader manure forks and 2 ground buckets. Millersburg, PA. 717-692-3298.

For Sale: 671 Detroit diesel from radiator to clutch, 34,000 rears, 4:33 ratio, Eaton 8,000 gal. tank, good 40' trailer w/slider, '74 Ford pickup, needs transmission. No Sunday calls. Lebanon Co. 717-933-8943.

Combines with slight fire damage. Gleaner L-2, IH 1460 and JD 8820, MF 850 around 400 hrs. Very reasonable. Larry Stalter "The Combine Man" 814-635-3689.

CRAWLER TRACTOR PARTS CURRENTLY DISMANTLING

AC, Cat, IHC, JD, Case, Michigan, Hough, Gillion and others. Loaders, dozers, graders, excavators, rollers. Many parts removed & checked, ship anywhere.

NEW EQUIPMENT ARRIVALS

JD 2010 Crawler Loader, runs good w/2 rebuilt steering clutches, \$5500; AC HD11 Bulldozer with straight blade, very good engine, decent machine. \$ 6 5 0 0

USED PARTS PRICED RIGHT

Cat D6, 955H lower rollers, \$65. each; Cat D4, lower rollers, \$55. each; IH TD6, 62 lower rollers, \$50. each. Parts brochure available. Balanda Equipment Co. PO Box 337 Hatfield, PA 19440

Yard Location: Quakertown, PA. 215-855-9207

Day or Night

Crawler Dozers (2), 72 Case 350, \$7,200. 82 Case 350B, 2,000 hours, \$11,800. 301-833-9091.

For Sale: Set augers for 24' Clay silo unloader, Jamesway cleaner unit, Vermeer double bar 21' hyd. drive hay rake, new cheap. 814-623-8601

Dunham front end loader, \$350. AC Chopper, hay & corn, \$300. 2 Flatbed wagons, \$300 each. Chester Co. 215-286-2971.

Farmall 340 w/loader and 5' rotary mower, \$2,500. 717-872-8508

Farmers & Dealers - Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164.

Fisher power angle snow blade, 8', fits Ford pickup, excellent condition. 717-374-2250

FORD 4000 D, 1967, 10 spd., \$2,300., engine overhaul last year, 540/1000 live PTO, diff. lock, needs torque converter clutch, \$2,600. All hydraulic loader, in excellent condition, for above, \$1,250. Both For \$3,450. 717-253-0296. 7-8 a.m.

Sianzi diesel, good condition, clutch reduction available; 5 horse 2 stage air compressor, \$350. Welders inquire at Smuckers Repair Shop, 94 Summit Hill Dr., Strasburg, Pa. 17579.

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1 FARM EQUIPMENT

For Sale: 850 Farm Hand grinder mixer, excellent condition. 717-354-0484

For Sale: Assortment of used tractors & new 10GVW & up, 2 & 3 axle trailers, 2 axle start at \$1,050, 3 axle start at \$1,250. With bumper hitch. Assortment of rotary cutters, used plows & other implements. Used tractor parts for various tractors. Edgar A. Bohrer, Bunker Hill, West Virginia. 304-229-8354.

For Sale: Airblast Sprayers, all sizes from backpacks to large 3pt and trailer type. Dealer of Solo and Berthoud. We have a model to suit your needs. For more information contact Martin's Repair Shop, RD4, Ephrata, PA 17522. 717-733-3015.

For Sale: Farmall A tractor w/pneumatic lift, cutting bar and plows, \$1,500. Call 215-948-4949.

For Sale: Ferguson 20, 3 point hay rake, new paint, PTO drive, good condition. \$425.00. 717-533-6591.

For Sale: IH 56 4RW corn planter, D.D., late model, rubber tired press wheels, like new condition. 717-463-3251

For Sale: Int. 500 disc harrow, good condition; McConnell 20' transport spring tooth harrow, excellent condition. Call 717-788-1486.

For Sale: JD model 336 baler w/thrower; NI manure spreader, model 352 w/tailgate, like new 717-949-2061 or 717-949-6531

For Sale: New Acme diesel engines. 50% Off on 6.5 to 16 h.p. electric start and hand crank in stock. Shirks Repair Shop, RD2, Box 102, Ephrata, Pa 17522 717-859-2797

DEUTZ ALLIS

NEW TRACTORS & EQUIPT.

Deutz DX 470, 85 HP, 15F/5R trans, cab (Demo)
Deutz-Allis 6275, 73 HP, 12F-4R trans, Dual Remotes

SPECIAL OF THE WEEK

JD 1209 Mower Conditioner \$2,995

Deutz-Allis 6080 84 HP 12F/3R trans, cab
Deutz-Allis 5220, 21 HP 12F 4R trans, turf tires

SM40CR Mower Conditioner

HD 490 Square Baler w/Thrower 23T per hr

KH 500 17' rotary tedders

KH-300 9'10" rotary tedders

KS-85DN 9'10" rotary rake

KS 150AS 10'10" rotary rake

USED TRACTORS & EQUIPT.

DX-160 Radials, Cab Air, Heat

MF Ind Tractor & Loader Shuttle Shift \$5,900

IH 656 Dsl Cab 15 5x38 tires

MF 65 Tractor Mechanics Special

NH 850 50' wind baler excellent shape

JD 1209 mower conditioner stub guards \$3 500

Deutz Basic F2L 912 Rebuilt Exchange Engine w/warranty \$1,620 Block & Crank Must Be Rebuildable

FORD TRACTORS

New CL25 Skid Steer Loader w/Dsl. Engine

New TW 20 w/Cab, 4WD, Air

New 7710 w/Cab, Air New 5610 w/Dual Power

New 4610 SU New 3910

New 1310, 1510, 1710 New 1210 4WD

NEW HOLLAND

Used 36 Crop Chopper Used 273 Baler

Used #7 Forage Box

NEW IDEA

New NI 406 Rake

OTHER EQUIPMENT

New Ford 133 High Clearance Chisel Plow

New Ford 208, 12'2' Field Cultivator

Used Ferguson T030

Used Farmall Cub Loboy w/Mower

Used Farmall 350 Utility

Used Farmall BN w/Cultivators

Used JD 24T Baler w/Kicker

New Glencoe 12'9" Finishing Harrow

New Glencoe Soil Saver Stretch 7 Shank

New Glencoe Soil Saver 5 Shank

New Amco Heavy Duty 12' Disc Harrow

Used Windrow PU & 2R Corn Head to fit IH 550 Harvester

"NEW" NEW HOLLAND

NH 353 Grinder Mixer 38 Crop Chopper

848-853 Round Balers 411 Disc Bine

NH Manure Spreaders 790 Forage Harvester

Sweigard Brothers

RD #3 Halifax, PA 17032 717-896-3414



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975 S. Main St.

Chambersburg, PA

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USED EQUIPMENT

TRACTORS

IH 1466 w/Cab & Duals
IH 1256 Dsl.
IH 806 Gas, needs work
IH 784
IH 706
IH 560 G
IH 460 Utility Gas
IH 674 D

IH 656 D
IH 560 D
IH 544 U
IH 240 F
IH 350 U
IH B414 D
IH BN
IH M

MF 1105
MF 2675
(2) MF 1080
MF 65 Dsl. w/Loader
JD 4010 D
JD 4620 Oliver 770 D
JD B (2) Cub
Case 1070

Ford 901 w/2R Picker
Farmall A
Case 730 Dsl., 3 pt.
Farmall Super M
Case Vac
Kubota 5950 DT, FWD, Loader, 415 hrs./like new

CORN PLANTERS

IH 800, 4R
IH 800, 6R
IH 400, 6RN No-tilt, Liq.
IH 400, 6RW, No-tilt, Dry
IH 400, 4RN w/ No-tilt, Dry
JD 7000, 6RN No-tilt
JD 1440, 4RW No-tilt
JD 494A
AC 600, 4RN No-tilt
White 5400, 4R
White 543, 4RN No-tilt
White 543, 4R Plate
IH 56

PLOWS

IH 710 Plow
IH 450 Plow
IH 311 3x14
IH 55 Chisel Plow
IH 55, 10' Pull Chisel Plow
JD 345, 4x16
IH 550, 5x16
Ford 4x16
Brady 9' Chisel
MF 3 pt. Chisel Plow
MF 880 5x16 Auto.
White 508 Plow, 4x16
BH 3 pt. 52" Tiller
IH 710, 3x16

BALERS

NH 276 w/Thrower
IH 430 JD 24T
IH 440 IH 47
IH 37
Hesston 10 Stacker
MF #12 w/Thrower
NI Bar Rake

CORN PICKERS

NI 323, 1R
NI 300, 2R
NI #10, 1R
NI 314, Sheller
Attachment

LOADERS

IH 2050A
KW for IH 284
Loader for MF 35 Tractor

GRAIN DRILLS

IH 10, 16x7
IH 13x7, Steel Whls
Tye 80 No-tilt
JD FB 13x7
JD 15x7
Oliver 13x7

COMBINES

IH 1460
IH 1440
IH 863, 6RN
IH 844, 4RW
IH 810-13
IH 820-16
IH 227, 2RNC H
IH 715

SKID LOADERS

Case 1830, very nice
Case 1816 B
OMC 345
OMC 440
IH 4150
OMC 1700
Case 1740 D
IH 4130, 850 hrs

BLOWERS

IH 56
Dion #14
Dion 60
NH 30

HARVESTERS

IH 830
IH 555
Gehl 300 w/2RN
Papec 180
Fox 1000
Fox 2000
JD 34 Fg w/1R C H
JD 2RW C H
JD 3300 Fg w/2R C H
Fox 3000
Fox 546
Fox FA

SPRAYERS

Walsh 200 gal.
Walsh 500 gal.
Walsh 300 gal.
KUKer 300 gal.
Walsh 165 gal. 3 pt.

MOWERS

IH 222
IH 100
NH 450
Woods 48" for MF 205
Bush Hog 60' 3 pt

GRINDER MIXERS

OMC 117 IH 1150
IH 1050

WINDROWERS

IH 1190
IH 990
IH 225
NI 290
AC 904
NH 1469 SP
NI 272, 7' Cuditioner
NI 270 Cuditioner
Hesston 1214 Swing Tongue

NI UNI EQUIP

NI 838 Husking Bed
NI 841 Feeding House
702 D, ex 735, 3RN
760 Fg Harv 702 D
761 Hay PU 729 A Shel
767 Har 727 Husk
713 S Platform 766 PU
717 Combine 720, 2RW
710 Com 730, 4RW
844, 4RW 725, 3RN
NI 768, 3RW/N Corn Head

FLAIL CHOPPERS

IH 5
IH #8
Brady 722

WAGONS

Gehl 920, 16'
Gehl 610, 14'
Grove 16'
Couchoun 620, 16'
IH 110

Turnco Gravity Box
Bale Wagons
JD 122

Kill Bros Gravity Box w/Zimmerman 6T Running Gear

MISCELLANEOUS

NI 109, 3 pt Fert Spreader
Ber-vac 51" 3 pt Snow Blower
NI 36' Elevator
IH 18' Elevator w/Cross Conveyor
Mayrath 6" Transport Auger
Pequea Hay Tedder

Melrose OPEN HOUSE

February 2-6

10% Cash Discount on Parts

MANURE SPREADERS

NI 212
NI 213
NI 214
NI 218
IH 540, like new
NI 245 w/Toy Beater & End Gate
Better Bilt 2600 Gal Lq Manure Tank
IH 725, 1400 Vac Tank
Farmhand Flail
MF Manure Spreader
NH 676
NH 676 S
NH 790
Hawk Bilt 207
HB 257
HB 357

HARROWS

IH 475, 12'
IH 401, 12'
IH 370 12' Disk
BH 10'
JD 12' BWF
IH 37, 8'
IH 47, 13'
JD KBA8
IH 9A9'

COMING IN

IH 986 w/Cab & Air
IH 1066 w/Cab
IH 3288 w/Cab & Air
Case 1845 B Skid Loader w/600 hrs
IH 700 Plow, 5x16
Case 930 Dsl
IH 445 Baler w/Thrower
Little Giant 34' Elevator
Little Giant Rollaway Elevator
IH 475 Disk, 13'10"
IH 720 Forage Harvester
IH 400, 4R Corn Planter
Woods 5' Dixie Cutter
Lely Flail Spreader
(2) Bale Wagons w/Hoists
MF 18x7 Grain Drill

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AC 7000 Dsl. Tractor
AC 185 Tractor
AC 170 Dsl.
AC CA Tractor w/
Cultivator
AC D17 Dsl. Tractor
AC D17 Gas Tractor
Farmall Cub w/1R
Cultivator
JD 54 Spreader w/End
Gate
JD 40 Manure Spreader
w/Upper Beater
NI 218 Single
Beater Spreader
w/Hyd. Endgate
NI 382 Spreader, Solid
Plus

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5 Sizes Up To
230 Cu. Ft. Capacity
• Fast 2-3 Minute
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For The Farmer

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Box 64, RD 3, Denver Rd
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John Deere 555-A crawler
loader 1984, 2,084 hours.
717-924-3132.

Liquid Fertilizer Storage
System, (6) 1,600 gal.
tanks w/valves, (1) 100
gal. per minute pump &
meter w/air eliminator &
hoses. Call 814-628-3441
or 814-628-4141

LOCKWOOD IH 2001, wide
hyd. bucket & forks,
\$1,200. 301-833-9091

Lockwood 423 4 row
potato planter; Super VI
potato harvester, belted
chain in excellent
condition; Mark 76 potato
harvester, belted chain in
excellent condition.
302-734-9966, 8:30 a.m.
to 4:30 p.m.
302-734-7645 after 6
p.m.

Lockwood Mark VI
harvester; Lockwood 4R
dry fertilizer planter. Both
used in 1986. Both sold
field ready. Priced to sell.
302-834-7170.

Long disc, 12' transport;
AC chisel plow, 8'; 540 IH
4 btm. semi mount plow;
Oliver 5 btm. semi mount
plow; 300 gallon sprayer;
Oliver 4 row planter;
Dunham Lehr cultimul-
cher, 10'; 806 Farmall
diesel, WF; 706 Farmall
gas, NF; 4296 MM
combine, 318 cubic inch
Chrysler Industrial, 4 row
corn, 12' grain head; '64
GMC 4000, 19,500 GVW,
dump. 215-343-0347.
Leave Message.

MF 2745 tractor, 145HP,
1979 Model, cab, air,
power adjust duals, good
condition, \$10,000.
Lycoming Co.
717-546-6790 eves.

MF 760 Dsl., V8 hydro.
Combine. AC cab w/
heater, 30.5Lx32 tires,
16' table w/pickup reel &
auto. header heights
control, Chopper & bin
extension, v.g. condition,
301-272-2620 night.

MM 900, completely
redone, new tires; NH
850 round baler, always
kept inside.
301-833-1847

WANTED: Portable
Electric Welder.
Reasonable Price.
717-944-1007

White 3B automatic reset
plow, \$1,250/Best Offer;
Mohawk 7 tooth chisel
plow, depth wheels,
\$850/Best Offer.
717-426-2659.

White 508, 5-18" spring
reset plow, concave
coulters, gauge wheel,
cylinder, used 150 acres,
as new. Asking \$6,250.
302-378-9477

JD 60, 3PTH. JD B. 2 & 4
Row cultivators. JD 13'
3PT. field cultivator. 8'
Alum. cattle bed, other
sizes. 412-283-0196.

JD 6 row combine w/corn
head, model 6600
Hillside, very good
condition. Also large
Miller disc, very good
condition. 717-684-2381
6:30 a.m. to 5 p.m.
717-684-2158 after 5
p.m.

JD 7100 planter
converted to liquid 3R gel
tomato planter, \$3,000;
NH 1R 3 pt. transplanter,
\$300; Ford rear wheel
weights, \$75; 5R SP
vegetable picker, hydrau-
lic run, \$1,500
215-754-7772.

IH 986, with 4-post, very
nice, \$8,800.
717-532-7054.

IH hydro 70 gas w/2350
loader, \$5,000.
301-833-9091

IH plow 3B 16" roll-over,
good condition, \$2,000;
conveyor, telescopic, 60'
long, 16" wide, good
condition, \$2,500; Detzel-
Wetzel seed potato
cutter, 3 yrs. old, good
condition, \$1,500.
302-734-2352 eves.

IRRIGATION EQUIPMENT:

Long Hard Hose Traveler
model 1820; Hale PTO
Pump model 50FB2-
3R1000; Hale Trailer
Mounted Pump model
#50FR-C413 high pres-
sure high volume; 2500'
Tico 8"x30'; 4000' Tico
6"x30'. 717-532-9108.

Steiger tires and wheels,
four factory dual wheels
at \$275 each; eight tires,
50% of new, at \$300
each, size 20.8x38. Simp-
ler Construction,
301-778-4418 or
928-3185.

Super C snow plow, fits
200 or 230; JD snow plow
for 4020; Int. 73 truck
with 14' grain body and
blower; JD 2840 fully
equipped, \$7,500; Dual
loader to fit big Int.;
Jamesway cylinders.
Berks Co. 215-777-0052
or 775-0508

Terex model C6 Dozer,
equipped with rock &
stump blade and bull
blade, left hand tilt, rear
push block, 70% under-
carriage, 200 hours since
last overhaul, \$24,000
negotiable.
302-734-8884.

TRACTOR: JD B, fert. &
cults., good shape.
609-585-6876.

Two ton double auger
vertical feed mixer, SHP
3PH motor, ready to go,
\$150. 717-354-0680.

Tye 10' no-till drill,
\$6850; JD 7000 6R
conservation planter w/
dry fertilizer, quick fill
auger, insecticide, moni-
tor w/radar, excellent
condition, \$9800; NH 469
Haybine, \$800. Chester
Co., 215-459-3646.

US Bedding chopper with
new 7hp Honda, in excel-
lent condition, \$750.
Cumberland Co.,
717-532-3360.

**VERMEER ROUND
BALERS:** Special Pre-
Season Pricing on 1987
models with no payment
due 'til next summer. Also
available, used balers,
disk mowers, tedders,
rakes, and twin rakes.
John McGill, western PA.
412-352-3582.

WANTED: New 456 NH
mower; 752 NI crusher;
NH 1003 bale wagon.
717-295-3137 or
717-394-5573

New Badger bedding
chopper, \$1495; Farmall
F-12 tractor, \$275; B.F.
Sturtevant steam
engine, approx. 10hp,
\$650; 16' Cattle rack &
bed, \$200.
717-362-8252.

New Holland bale wagons:
1069 160 bale wagon,
1050 hrs., cab, air, excel-
lent, \$22,500. 1049 160
bale wagon, cab, good,
\$11,000. 1047 120 bale
wagon, good, \$8,000.
1033 105 bale pull type,
\$4500 to \$5700. Winter
delivery available. Refer-
ences available. Roeder
Impl. Seneca, KS
913-336-2800.

NH 510 Manure Spread-
er, very good, \$1200; NH
36' hay and corn elevator,
\$1500; MF 4-row toolbar
cultivator, \$800;
215-767-2351.

NH Super 23 silage blow-
er w/shaker table, excel-
lent condition. Barn
stored. PTO drive, \$250.
Samuel Stauffer, Box 107,
Loveville, MD 20656.

Oliver 2050, good condi-
tion. \$4,000.
301-833-9091

Oliver 77, runs good,
\$500. 717-548-2469

Oliver 770 Dsl., new
major overhaul, has pulley,
good tires, real good
condition. 304-263-2976.

Rebuilt GM diesel engine
for NI-705 Uni, complete,
starter and all, \$3,800.
NI-763 3RN corn head,
\$700. 717-933-5173.

SAVE 50%
PTO Alternators 20KW,
\$1,550.; 40KW, \$2,195.;
Engine driven alternators
4KW, \$595.; 5KW, \$695.;
Pressure Washers 800
PSI, \$399.; 1200 PSI,
\$895. Call
1-800-231-8277. Dunham
Co.

SKID LOADER Gehl
2600, needs engine,
\$1,400/Offer.
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AC WC tractor, good
condition, has 3 point
hitch adapter, \$850.;
Snow blower, 6' wide, 3
point hitch, works well,
\$750. Make Offer. Call
215-323-4553, 7 p.m. to
10 p.m.

AG-TEC 65" manure fork
fits 1837-B skid loader, 9
tines, like new, \$400.; 3
pt. reversible scoop,
\$125. Adams Co.
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Also Better Built lagoon
prop-pit agitator, excel-
lent condition, \$2,000
negotiable. 717-788-3510

ATTENTION: IH R190
owners 406 motor, \$150;
clutch pressure plate,
\$50; heavy duty 5SP
trans., \$150; drive shafts,
\$25. All good condition.
IH 8; NH 36 flail chopper.
Both for parts. TD14 for
parts and TD14 working
condition; 900.24
mounted for JD 6600
combine. Ideal spare,
\$70; Mopar rear end
4.10, 8.75 dual traction
contor housing.
717-386-5696.

Badger 205 manure
spreader, \$1,000 or make
offer. York Co.
717-741-1440.

Boss soft hose irrigation
winch. 609-299-6313 or
299-4051.

Case 4 bottom spring
reset plow, good condi-
tion. \$1,800.
301-739-4046.

Case 780 Backhoe, excel-
lent condition.
717-435-2921.

Chisholm Ryder multi-D
bean harvester, 1983
Model rebuilt 1986, not
used 1986 season,
\$35,000 or best offer.
George Wilson, 690 Iris
Rd., Casselberry, FL
32707.

**CORN PLANTER FOR
SALE:** JD 2R 3PTH,
Model 246-247; also NI
hay conditioner, 7', Model
750. Lehigh Co.
215-679-8921.

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ABC GROFF, INC.

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110 S. Railroad Ave.

New Holland, PA

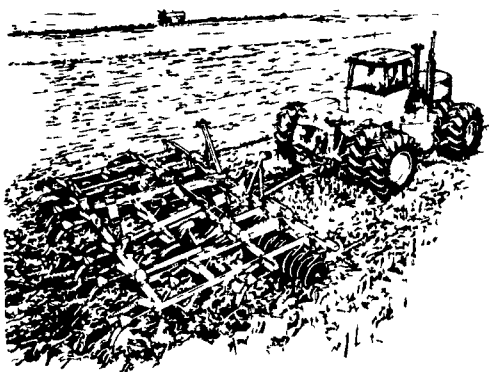
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JOHN DEERE'S 712 MULCH TILLER



Now there's a conservation tool to handle the
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Deere 712 Mulch Tiller.

Model 712 Mulch Tiller
11'3" - 9 Standards
IN STOCK - SPECIAL PRICE

"NEW" 55 SERIES TRACTORS SOON TO ARRIVE

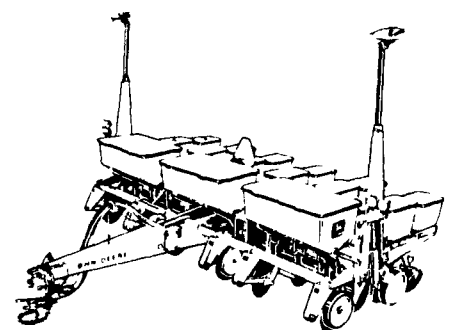


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"Better Than
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On 50 Series
Tractors.

Call For Great Deals On These Stock Units:

2150 - 45 H.P. 2750MFWD-75 H.P. 4050 - 105 H.P.
2550 - 65 H.P. 2950 - 85 H.P. 4050 - 105 H.P.

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- MaxEmerge 2 is the new and improved edition of the famed Max-Emerge planter.
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- See the new planting units on display at our store.
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NEED A REALLY
GOOD BLADE?
CHECK
THIS.



John Deere's 95 Blade will handle many
blading chores behind tractors up to
90 hp
Push snow, grade gravel, reshape ditches, move
manure — the 95 Blade does all this and more.
Simple manual adjustments for angle, tilt, pitch
— optional hydraulic offset.
IN STOCK: Model 95 Blade 8 Ft.

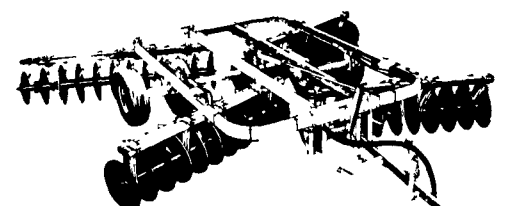
GET A TASTE OF PAST, PRESENT AND FUTURE AT OUR 1987 JOHN DEERE DAY

Thursday,
March 19, 1987

← **Mark Your
Calendar**

MARCH		1987						
S	M	T	W	T	F	S		
1	2	3	4	5	6	7		
8	9	10	11	12	13	14		
15	16	17	18	19	20	21		
22	23	24	25	26	27	28		
29	30	31						

215 LEVEL- ACTION™ DISKS



JD 215 DISK
11'5" With Rods Cushion
SALE PRICE \$5,200

JD 4010 dsl., dual remotes, ready to go. \$3,600. Lanc. Co. 215-445-6311.

JD 4020 D, wide front, power-shift; JD 3020 D, NF, Syncro-range. 301-582-1927.

JD 4240 with sound body cab, power shift, in excellent condition, \$18,500. 717-532-7054.

JD 45EB combine with cab, 10' grain table, 2 rw corn head, \$3,500. Lebanon Co. 717-933-5102.

JD 14T baler; JD 246 corn planter; JD 2-16" plow; JD cultivator w/foolbar; JD #5 mower; JD hydraulic cylinders; JD harrow; Little Giant drag elevator; hay rake; 14' flatbed wagon; cultipacker; 6" grain auger; 3 pt. fertilizer spreader 717-235-4370.

JD 220 disk harrow, center fold, 18', very good condition. 717-788-1486.

Heavy duty snow plow, 9' cutting edge, swings right or left. Can be mounted on truck or tractor. \$575. 717-532-2007.

IH 1086, ROPS, TA, outlets, duals, \$6,800. 301-833-9091

IH 1086, with factory cab, in very nice condition. \$10,500. 717-532-7054.

IH 10 bale thrower, \$100. Harford County, 301-692-6788.

IH 674, very nice, \$5600. 717-532-7054.

IH 706 gas, NF, FH, excellent, ready to work, \$3700. 301-833-9091.

IH 886, factory cab, dual wheels, PTO, & remotes, fully equipped, excellent rubber, \$9,000 or best offer. 301-658-5289 after 6pm

IH 966, cab, duals, excellent, \$6,500. 301-833-9091

IH 1566 w/factory cab & air, sharp, \$9,600. Can Trade & Lease. Sommerset Co. 814-467-8839

IH 275 tandem manure spreader, \$1800. 301-833-9091.

IH 424D w/2000 loader, \$3,000. 301-833-9091

IH 55 8' offset disc; Kuhn #40 disc mower. Both in very good condition. 215-965-6363

Frick thrashing machine on rubber tires, been in storage 25 yrs. We need the room. Best Offer. 703-837-1305.

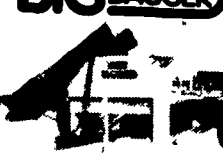
Gehl #115 grinder mixer, 1000 RPM PTO, auger extension, good working condition. \$1,400 or Best Offer. After 6PM 717-656-7994. Leola.

George White 500 gal. tandem axle sprayer, heavy booms and quick fill valve, excellent condition, \$1,950. 301-831-5217

JD F125 4-14 plow, #400 3 disk plow, IH Hammer-mill and cornsheller, 3 pt. disk plow, Oliver #346 4-16" auto-reset plow, Bolens 48" snowblade, 30" roto-tiller, Sears cornsheller, 1978 Honda Odyssey, JD #480 Haybine, 3HP centrifugal pump. 201-453-2491 after 6p.m.

JD manure fork for JD loader. 717-532-7054.

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BIG BAGGER



SPECIAL DISCOUNT
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8' KELLY BAGGER
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FOB, NE.
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\$500.00 Jan. 15, -87
\$400.00 Feb. 15, -87
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AG PRODUCTS COMPANY
717/328-3177

ITEMS FOR SALE

- Four (4) Steel Wheels to fit Bob Cat; practically new - \$400.00
- Farquahar 40 HP Steam Engine with governor; good compression; best offer
- Flat Bed Wagon, 14' bed - \$100
- 1970 GMC Truck with Stoltzfus Lime Spreader Box; 30' boom; capacity 9 tons; very good condition - \$2,500
- 1973 Ford F-600 dump truck; 17,000 gross weight
- 1973 C65 Chevy dump truck, 16' grain bed - \$4,000
- 3 point scraper blade; category 1 hydraulic system - \$250
- Three (3) mobil home axles - \$75/each
- One (1) Crosley heavy duty trailer; 5'x10' with tandem axles - \$1,500
- Clay Silo unloader; 14' - \$1,200
- 4' hydraulic cylinder lift - best offer
- New Holland Model 68 Square Baler; good condition - \$600

We will trade any or all of the above for livestock.

Call 814-695-7745 after 7:00 P.M.

NEW MACHINERY
1 Of A Kind

Hydro 84 Tractor	\$16,500
1250 Grinder Mixer	\$7,495
540 Manure Spreader	\$3,845
10 Flail Chopper	\$5,775
35 Rake Ground Drive	\$2,150
5507 Trailing Chisel Plow	
7-11 Ft.	\$2,485
450 3 Bottom Plow 16"	
Automatic	\$3,450
425 Baler with thrower	\$5,450
330 Wagon 8 Ton	\$660
274 Tractor & Mower	\$7,800
1190 Mower Conditioner 7 Ft.	\$6,645
2 Row, 2 Point Corn Planter	\$495
63 4 Row Cultivator	\$1,445

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bucket loader, 304
hours, repossessed,
like new
\$19,995 or Best Offer

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Call John Bolton
or Gunther

TRACTORS	CORN HEADS	NEW ARRIVALS	MISCELLANEOUS EQUIPMENT
1980 JD 4440 Dsl., Cab, Air, Quad, 20x38 Rubber, 2100 Hrs., very nice	JD 244, 2RW	JD 3010 D., Row Crop, Good Condition	Gehl 95 Grinder Mixer, excellent condition
1977 JD 4230 Cab & Air, Quad Shift, very nice	JD 343, 3RN Corn Head	JD 24T Baler w/#2 Ejector	JD 8200 Grain Drill, new w/Grass Seed 18 Single Disk Openers
JD 4240 Dsl., Cab, Air, 1900 hrs., nice	JD 443, 4RN IH 943, 4RN	JD 148 Loader w/2940 Mounting Single Lever Control	JD 5 1/2' Hay Pickup, like new
1977 JD 4430 Dsl., Cab & Air, QR	JD 443, 4RN LP IH 843, 4RN	JD 2630 D w/Direction Reverse, 145 Loader	JD 148 Loader for 2840 & 2940 Tractors
JD 4230 Dsl., Cab, Air, Quad, 1500 hrs.	JD 444, 4RW IH 844, 4RW	1976 JD 4436 Dsl., RG, P. Shift, 2600 hrs.	18x38-18x34-20x38 Duals
1968 JD 4020 Dsl., P. Shift, Dual Hydraulic, w/Cab	JD 643, 6R 30 IH 863 Corn Head, 6RN	JD 210 Dsl. 2' 6"	Cabs to fit IH 706 thru 1466 Tractors
JD 3020 Gas, Side Console, low hrs., very nice	AC 438, 4RW MF 43, 4RN		Cabs to fit JD 3010-4320 Tractors
JD 2940 D, very good	AC 430, 4RN MF 1163, 6RN		NH 676, 275 bushel Tandem Axle Manure Spreader, 2 Beaters, very nice
JD 2510 Gas, very good	AC Black 430		NH 328 PTO 135 Bushel Manure Spreader
JD 2440 Dsl., Inc. PTO, very good condition			JD Roll Guard, Fits 1020 to 2640 Tractor
JD 2940 Dsl. 2000 hrs. w/148 loader, excellent			JD FBC Grain Drill, 17x7 Double Disk, Grass Seed & Fert.
JD 2510 Gas 1600 original hrs.			JD 214 Self-unloading Forage Wagon, very good
JD 2030 Hi/Low Ind. PTO, 15.5x38 rubber			IH Roll Guard w/Canopy
JD 1520 Gas, WFE, 3 pt.			JD RG & RM 4&6R Cultivator
JD 630, WF & Fenders, original 3200 hrs.			
1980 IH 986 Dsl. Cab & Air, Red Seat, very nice			
IH 1466 Dsl. w/Cab, Dual PTO and Hydraulic, extra clean			
IH 1066 Dsl., Red Cab & Air, New TA			
IH 966 Dsl. Fender Tractor, 1400 hrs., 18x38 Rubber, excellent			
IH 766 Dsl. w/YR Cab, very nice			
IH 666 Dsl., WF w/3 pt.			
IH 856 Dsl. w/Cab, extra nice			
MF 1155 Dsl., Cab & Air			
MF 1135 Dsl., Cab & Air			
Ford 2110 Gas w/Blade and Flail Mower, 377 hrs.			
Ford 5000 Dsl., 8SP, 2100 hrs.			
AC 185 Dsl., like new			
Kubota B6000 Dsl., 4 WD w/loader and 3 pt. rotary mower			

CORN PICKERS	CORN PLANTERS	TILLAGE	COMBINES
NI 325, 2RN w/Super Sheller	JD 7000, 4RW, Dry Fert., Insect., No-till Coulters, Cast Press Wheels	JD 1600, 3 Base Spring reset Plow, like new	1980 IH 1460 Cab, Hydro, 28Lx26 Tires, very nice, Choice of Heads
NI 325, 2RN w/12 Roll Bed, like new	JD 7000, 4RN, Dry Fert., Monitor, Insect.	JD 1100 Field Cutlulator, Hydraulic Fold, 20'	1980 MF 750 Dsl., Cab & Air, hydro, 1400 hrs., very nice
NI 324, 2RW 8 Roll Husking Bed	JD 7000, 4RN, Dry Fert.	Brady 17' 3 pt. Hydraulic Fold Field Cultivator w/Rake	1980 Gleaner F2 Dsl., Cab & Air, 900 hrs., 23" Rubber, Choice of Heads
NI 323, 1R	IH 400, 6RN Dry Fert., Insect., Monitor, very nice	JD 1710A 11 Tooth Conser-till	1981 IH 1440 Dsl. Cab, Air, Hydro, excellent
		IH 9 Tooth High Clearance 3 pt. Chisel Plow	1979 JD 4400 Dsl. Cab, Air, 900 Hrs., excellent
		IH 700, 4x18 Spring Reset Plow	1980 Gleaner F2 Dsl. Cab, Air, Grain Saver, 450 hrs., 13' Grain Table, excellent
		IH 720, 4x18 Spring Reset Plow	MF 550 Dsl., Cab, Air, Hydro, 1300 hrs., 23" Rubber, Choice of Heads
		IH 720, 5 Base Spring Reset	1973 JD 4400 Dsl. Combine, Cab & Air, 13' Grain Table
		IH 710, 6x18 Spring Reset On Land Plow	IH 82, 7' Pull Type
		IH 710, 4 & 5 Base Spring Reset 16 & 18"	Corn & Soybean Chopper to fit JD 3300-4400
		JD 4 & 5 Base Semi Mounted	JD 215 & 213 Rigid Grain Platforms
		JD 3 Base 3 pt.	MF 13' Grain Platform
		JD BWA 12'	IH 820 13' Flex Head
		JD 12' BWF Disk, Rock Flex	Gleaner 15' Flex head to fit F & F2 Combines
		JD 230 Hydraulic Wing Fold Disk, 20' very nice	
		JD 310 Disk, 12' & 14'	
		JD BWF 13' Rock Flex Disk	

LOADERS	WINTER SPECIALS	HAY EQUIPMENT
Ford 335 Dsl. Loader Tractor, 360 hrs., 3 pt. & PTO, like new	JD 4430 Dsl., P. Shift, 4 Post Roll Guard, \$8,950	JD 1209 Mower Conditioner, Late Model
JD 2630 Dsl., 2200 hrs., w/146 loader and Direction Reverser	JD 2630 Ind. PTO ... \$6,850	JD 346T Baler w/30 Ejector
Gehl 2600 Skid Loader, 1100 hrs.	JD 520 w/3 pt., Power Steering. \$1,650	JD 327 Baler w/#30 Ejector
		JD 24T Baler w/Thrower, good condition
		JD 410 Round Baler, very nice
		NH 38 Flail Chopper, excellent condition
		NH 852 Round Baler, Auto Wrap, excellent
		NH 850 Round Baler
		JD 640 Hay Rake
		NH 56 Hay Rake
		NH 1002 Bale Wagon
		NH 1012 Bale Wagon, Single Bale Unload
		JD 3800 Harvester w/2R Head, very good
		NH 770 Wide Open End PU Head
		NH 770 Harvester, Elec. Controls, 2R Head

Good Selection of Grain Tables
Financing Available on Above Machines



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A Good Selection Of Used JD & Other Makes Lawn/Garden
Tractors, Mowers & Snow Removal Equipment.
PRICED TO SELL

MOLDBOARD PLOWS

Tag #	Sale Price
JD 2600 5B 18" Spring Reset Semi Mtd	#2820 \$5350
JD F125 4-16", 3 pt	#3777 \$ 850
JD 2B, 3 pt	#3704 \$ 195
White 348 3-18" sp reset	#3657 \$2195

CHISEL PLOWS

Tag #	Sale Price
IHC 3 pt, 7 rigid stds	#3209 \$ 895

DISK HARROWS

Tag #	Sale Price
JD 315 12' 10"	#3506 \$5500
Athens 131 tandem, 28 bl	#3299 \$1595

GRAIN DRILLS

Tag #	Sale Price
JD 8300 18x7, sdo, gsa	#2799 \$2495
JD FB157B, sdo, gsa	#3787 \$ 695
JD FB 13x7, sdo, gsa	#2683 \$ 695

USED CORN PICKERS

Tag #	Sale Price
NI 324 2RW/329 Sheller	#2430 \$3,995
NI 324 2RW w/8 Roll Husk	#3823 \$3,450

MISCELLANEOUS

Tag #	Sale Price
JD 300 30 Ft Elevator	#3888 \$1195
JD 307 3-pt rotary cutter	#3531 \$ 295
JD P107 3-pt rotary cutter	#2372 \$ 250
Friend 3-pt Sprayer 18'	#2813 \$ 695
Walsh trailer sprayer	#3554 \$ 495
JD 27 Flail Shredder,	#3877 \$2995
JD Hood for 125 chuck wagon	#3167 \$ 85
JD 80 Rear Blade 6 Ft	#3862 \$ 325

COMPACT UTILITY TRACTORS & EQUIP.

Tag #	Sale Price
JD 950 2WD w/423 fr blade 7'	#3871 \$7500
JD 755 4WD, turf tires	#3836 \$8295
JD 365 front blade (fits 650)	#2187 \$ 895
IHC Cub Low Boy 154 w/mid mower	#3204 \$2500
York RS 5' rake w/casters	#3849 \$ 595
IMCO 5' rotary cutter, 3-pt	#3571 \$ 425

USED MANURE HANDLING EQUIP.

Tag #	Sale Price
NH 367 Tank Spreader	#2512 \$1,495
IHC 575 w/Hyd End Gate	#3830 \$3,950

CORN PLANTERS

Tag #	Sale Price
JD 7000 6R Cons, liq f, insect, mon	#3386 \$7595
JD 7000 6R Cons, liq f, insect, mon	#3429 \$6995
JD 7000 6R Reg, dry f, insect	#3199 \$6195
JD 7000 6R Reg, liq f, insect, mon	#3433 \$5995
JD 7000 4R Cons, dry f, insect, mon	#3400 \$7495
JD 1240 4R, dry f, insect	#3251 \$1895
JD 1240 4R, dry f, insect	#2355 \$1595
JD 1240 4R, dry f, insect	#2849 \$1195
JD 1240 4R, dry f, insect	#2543 \$ 895
JD 494, 4R, dry f	#3619 \$ 200
IHC 56, 4R	#3570 \$ 200

USED HAY EQUIPMENT

Tag #	Sale Price
JD 346 Baler, 30 Ejector	#3100 \$3,950
JD 346 Baler 30 Ejector	#3719 \$5,295
JD 530 Round Baler	#3825 \$8,150
JD 346 Baler, 30 Ejector	#3677 \$5,295
JD 336 Baler, Wgn Hitch	#3684 \$2,795
JD 336 Baler 30 Ejector	#3244 \$4,995
NH 270 Cut/Ditioner	#2965 \$1,595
JD 12-14 Mower Cond	#1507 \$ 995

USED COMBINES

Tag #	Sale Price
JD 6620 SH Cab A/H Stw	#3315
Spdr w/215 Flex Plat	#3317
w/643 SH Corn Head	#3319 \$59,000
JD 4420 Cab A/H Stw Spdr	#2304
w/213 Flex Plat	#2310 \$25,000
JD 7700, Cab A/H, AHHC	#2721 \$15,500
JD 6600, SH, Cab, A/H	#3753
643 SH Corn Head	#3754 \$23,000
JD 6600, SH, Cab, A/H	#2918
w/215 Flex Plat w/643	#2923
SH Corn Head	#2925 \$27,900
JD 6600, Cab A/H, AHHC	#3166
w/213 Flex Plat	#3193 \$21,900
JD 213 Flex Platform	#3828 \$4,450
MF 300, Cab A	#2862
w/13 ft Platform	#2883
w/3R30" Corn Head	#3058 \$6,500
AC Gleaner "F" w/13' Plat	#3686 \$13,950
w/430 Corn Head	

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Tag #	Sale Price
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w/3R 30" RC	#2861 \$14,500
JD 5440 SP Cab Power	
Whl Dr	#3771
w/3R 30, RC	#3774 \$39,950
JD 5400 SP, Cab, Power	
wh dr	#2840 \$29,500
JD 38 PT w/5 1/2' Hay P-Up	#3288 \$1,995
JD 3R 30" Row Crop	#3147 \$1,995
JD 3R 30" Row Crop	#2312 \$1,795
JD 3R 38" Row Crop	#3108 \$995
JD 3R 38" Row Crop (SP)	#1431 \$1,095
JD 716 Hi Side 3B Roof	
Reconditioned	#3755 \$5,995
JD 716 Hi Side 3B Roof	
Reconditioned	#3756 \$5,995
JD 216 Wagon Hi Side 3rd B	
Roof 1065 Gear	#3769 \$2,350
Grove Wagon 2 Btr	#3796 \$1,495
Badger Forage Wagon	
w/Roof Reconditioned	#3815 \$5,500
Badger Forage Wagon	
w/Roof Reconditioned	#3816 \$5,500
Badger Forage Wagon	
w/Roof Reconditioned	#3817 \$5,500

USED FARM TRACTORS

Tag #	Sale Price
JD 4050 Q R SGB	#3622 \$27,500
JD 3010 Dsl S/R, ROM	#2997 \$ 5,500
JD 2510 Gas, S/R, ROM	#2257 \$ 4,350
JD 2030 HU Dsl	#3262 \$ 9,550
JD 40T w/Cult	#3457 \$ 1,595
IHC 706 Dsl	#3451 \$ 6,500
JD 4240 Q/R, SGB	#3705 \$16,500
JD 4630 S/R	#3712 \$9,950
JD 4430 QR SGB	#3759 \$18,500
JD 4030 S/R Dual RC	#3748 \$12,500
JD 3020 Gas, S/R	#3267 \$5,000
JD 3020 Gas, S/R, WFE	#3654
w/Allied Hyd Loader	#3655 \$7,995
JD 3020 Dsl S/R, WFE	#3765 \$6,500
JD 3020 Gas, S/R	#3709 \$5,995
JD B w/2-Row Cult	#3716 \$1,195
Oliver 1650 Gas	\$2595 \$ 4,500
Ford 600 w/3-pt	#2464 \$2,500
Farmall Super A w/Cult	#3431 \$2,450
AC 8050 MFWD, Cab,	
P/S	#3789 \$27,500
IHC 706 Dsl	#3451 \$6,500
Ford 871 Gas w/Sauder	#3943 \$2,800
Loader	

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Extended Waiver Available On Used Tractors

WAIVER ON NEW JOHN DEERE & USED COMBINES

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WAIVER ON NEW JOHN DEERE AND USED CORN PLANTERS

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Waiver on Hay Equipment

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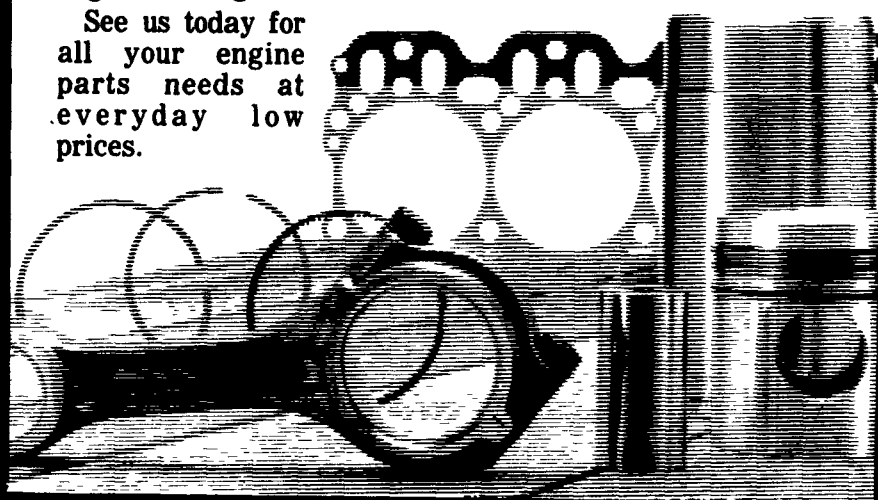
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& blade
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& blade
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mower
Cub Cadet 782D w/equip



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MACHINERY**

Thorndale, PA
Phone 215-269-2676

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JD 4630 Tractor w/Cab
JD 4020 Side Console
WF, Dual Wheels
JD 2840 Tractor
JD 2640 Tractor
JD 1020 Tractor
JD 650 Tractor
JD 520 Tractor
JD 300 Tractor
w/Loader
IHC 856 Tractor
Case 770 Tractor
JD 24T Baler w/30
Ejector
JD 7000, 8R Folding
Planter w/Liq. Fert.
JD 7000 4R Conv.
Planter w/Liq. Fert.
JD 7000 4R Conv.
Planter w/Dry Fert.
JD 7000, 4R Planter
w/Dry Fert.
JD 7700 Combine
JD 7700 Combine w/640
C.H. & Platform
JD 6600 Side Hill
Combine w/444 Corn
Head
JD 3800 Chopper
JD 38 Chopper
JD 34 Chopper
Bush Hog 160 Rotary
Mower
JD 925 Roller Harrow
JD BWA Disk
JD 35 Chopper
JD 7000, 6R Cons.
Planter
NI #323 1 R Corn Picker
JD 510 Round Baler
JD 27 Shredder
JD 640 Rake
JD 660 Rake
JD 1217 Mower Con-
ditioner
JD 1219 Mower Con-
ditioner
JD 33 Manure Spreader
JD 1450 5 btm. Plow
JD 1450 4 btm. Plow
JD 350 5 btm. Plow
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(1) Used Hay Wagon

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John Deere 3020 (old
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excellent condition.
\$5,250. 301-876-1956.

John Deere 301 gas with
industrial front end load-
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\$22,800. Also 1985 JCB
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quick action boom,
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\$22,078. or take over
payments of \$663.00 for
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1978 Deutz 130-06, cab,
140HP, 20.8x38 radials,
\$10,500/Best Offer. JD
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\$750/Best Offer.
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CRAWLER DOZERS

JD 350B, Canopy, 6 Way Blade,
New Undercarriage, Tag 5039 .. **'15,500**

SKID STEER LOADERS

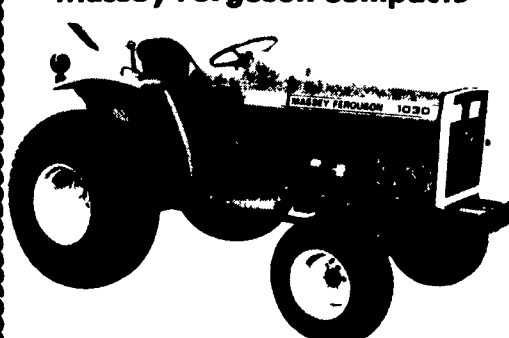
Bobcat 610 60" Bucket, Floats,
No Rops, Tag 5114 **'4,000**
Bobcat 943 w/78" Bucket
219 Hrs., Tag 7179 **'27,500**
Bobcat 975 w/84" Bucket
122 Hrs., Tag. 7256 **'33,000**

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MF 1010 4 wheel drive
MF 1010 hydro
MF 1020 2 wheel drive

Special Sale

MF 1010 - 2W Reg. \$7,550.00
'5,595.00 One Only

Geo. N. Gross, Inc.
5261 Davidsburg Road
Dover, PA 17315
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HAY TEDDER
Call For Prices



**PINTLE
CHAIN**

**Forage Box Conv.
Chain**

New Holland
#8 **'242⁵⁰**
Gehl 960 **'232⁵⁰**

Other Makes Available
Call For Prices

WAGON GEARS

8 Ton Gear **'440**
10 Ton Gear **'590**
12 Ton Tandem .. **'895**
W15"x8" Rims,
5" Tongue
5"-7" Adj. Tongue
Add \$30

T-Bar Det. Chain
T-67 **'58**
T-67 Att **'1.15**

Steel Detachable
Conveyor Chain

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INC.**

Voganville Rd., Rt. 1
New Holland, PA 17557
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Leaman Tractor Parts

P.O. Box 250
Willow Street, PA 17584

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Just In For Parts

Set of 12.4x28 8 Bolt Dual
Wheel Attachments For IH
Utility Tractors
IH 450
WFE for Super C

USED TRACTORS

IH 424 utility tractor, very nice condition
Farmall 856 cab, 3 pt., WFE, 3,800 hours, radial
tires, excellent shape
Super MTA, good solid tractor with power steering,
TA rebuilt
Farmall 856 Diesel, Wide Front, 3 Pt. rebuilt TA,
good tractor
Farmall 966, 1975 Model, Diff. Lock and Clutch
Assist, Cab and Air, Good Solid Tractor.

Delivery Available Anywhere

Quality Used Parts

We buy and sell used parts and parts tractors. We
have a good selection of quality used parts at
competitive prices. Please have part no. when
calling, if possible.

GUARANTEED QUALITY TRACTORS

JD 4640, Cab, Duals, QR. **'20,000**
JD 4240, 4 WD, Cab, QR, Nice **'18,000**
JD 4240 w/Cab, 4WDr, QR ... **'15,500**
IH 986 Dsl, WF, TA **'9,200**
JD 4230 cab ~~SOLD~~ QR **'8,850**
JD 4230, 4 Post, QR **'8,000**
JD 2630 Dsl., Nice **'7,500**
JD 2120 w/145 ldr., nice **'7,000**
JD 4620 cab ~~SOLD~~, nice. **'6,800**
JD 4520 SR, 2900 Hrs. **'6,800**
JD 4020 Dsl., WF, Sharp **'5,500**
Ford 5000 ~~SOLD~~ 3 spd. **'4,800**
IH 656 Dsl., WF, TA **'4,500**
IH 444 Gas, w/2000 Loader **'3,500**
JD 148 Loader w/Valve. **'2,250**
JD 60, Fair Cond. **'950**
JD Wheel Weights **Half Price**
Zimmerman Elevators & Wagon Gears
Farmco Metal Feeders & Bale Bodies
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New Hyd. Endgate For NH Sprdr. . **'150**

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QUALITY TRACTORS AND
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& BACKED WITH A 100% WARRANTY ON
ENGINE AND DRIVE TRAIN ON TRACTORS
PRICED OVER \$4,000
DELIVERY AVAILABLE ANYWHERE



TRACTORS

JD 4440 Quad range, fact. cab & air
(2) 1981 JD 4240 fact. cab & air, quad range, very
nice
1979 4040, fact. cab & air, radials, one owner, nice
JD 4430, quad, fact cab & air
JD 4430 4 post roll guard, powershift, 1976 model
(2) JD 4230 Quad range, fact. cab & air, nice
JD 4230, powershift, 4-post roll guard
JD 4320 fact. cab, 38" radials, nice
JD 4020 Dsl., late side console model
JD 4010, gas, WF
JD 2940, 1600 hrs., nice
JD 2750 Fender tractor, like new
JD 2640, very nice
JD 2440 w/146 loader
JD 1530 Dsl. w/recent engine overhaul
JD 950 Dsl. w/loader
JD 720 Dsl., rebuilt engine & pony motor

Case 2090 w/fact. cab & air, powershift, 1983
model, very nice

IH 5088 1200 hrs, Western interior, duals &
weights, 3 outlets w/lift-assist, 1982 model.
IH 1086, fact. cab & air, new TA, diff-lock, red seat,
79 model.

IH 1086 fact. cab, air, fully equipped
IH 986, 1981 model, fact. cab & air, all the late
features, low hrs., nice.
IH 986 Fact. Cab & Air 38" Rubber

IH 886, 1980 Model, Fact. Cab & Air
IH 986, 4-post roll guard.
IH 1206, low hrs., 20.8x38 tires, year around cab,
super clean, local trade.
IH 1066, 75 mo ~~SOLD~~ cab, air, radial tires, very
nice
IH 1066 w/100 hrs. on Major Overhaul, sharp
(2) IH 966 Fender tract. 3 pt. WF, one very nice
IH 1456, 20.8x38, dual PTO & hyd., nice
IH 1206 w/dual hyds. & PTO's
IH 856 Dsl. WF, fender tract.
IH 856 Dsl., 3 pt., WF, year round cab w/air.
IH 826 ~~SOLD~~ pt., nice.
IH 806 Diesel, 3 pt. WF
IH 766, WF, 3 pt. with cab.
IH 766, WF, 3 pt. fender tractor.
IH 756 dsl. w/cab & 3 pt. WF
IH 756 Dsl. 3 pt. WF, very nice
IH 584, 1980 model w/2250 quick tach loader,
1050 hrs.
IH 584, 1980 model w/Westendorf quick attach
loader
Farmall 450 gas w/fast hitch, 375 hrs., on complete
engine overhaul, very nice
Farmall H, live hyd., nice.

Ford 5000 Dsl., w/cab & air, late model, low hrs.,
very nice
AC 180 Gas, WF
MF 175 Dsl. w/multi-power

HARVESTING EQUIPMENT

IH 715, Cab & Air, Gas, Hydro, 800 Series, Throat,
w/810 grain head & IH 843 corn head, very nice
unit
NI 801 fact. cab & air, rear wheel assist
(2) NI 709, cab, air, hydro, sharp
Late NI 702 w/737 husking bed, choice of heads
NI 701 Inline 6 cyl., gas, variable speed, cab
NI 710 Combine w/711 Grain Head
NI 325 2RN, 8 roll husking bed

NI 323 Picker, good
NI 716S Grain Head
NI 767 Super Chopper, nice
NI 740 & 741 Quick Tach Throats
NI 768 W&N, 763 Chopper head.
NI 3 & 4RN Hds.
NI 2, 3, & 4RW Hds.
NI 769 Flail-mate for Uni Chopper
MF 44, low profile, 4RW
MF 13 grain head
IH 810 13' grain head
IH 843 4RN corn head

IMPLEMENTS

White model 425 chisel 10-tooth, heavy duty, high clearance w/Buster bar, 1 yr. old, 100 acres total.
IH 720, 4x18 Togle trip
IH 710, 4x18" Auto Reset
IH 700 4x16" auto. reset
IH 6000 Conservation til chisel, 13-tooth
Pull type 11 tooth high clearance chisel
3 pt. 10 tooth chisel, high clearance
Kawane 10' Cultimulcher
JD 110 Disc, 14'
JD AW Disc, 14'

JD RWA Disc, 12'
IH 500 12' plowing disc
IH 480 Wing Fold, 21'
IH 37 10' Disc, nice

MISCELLANEOUS

IH 2001 Loader
Dual wheels - 34's and 38's
3 Cabs to fit 06 series thru 66 series IH tractors
Tractor Weights JD & IH

JD Adapter for High Moisture Ear Corn for JD
Chopper
1957 Dodge 500 straight truck \$500.
Farmec Elevator, 32', 1/4 hp. elect. motor.

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IH 70 hydro w/good
hydro
IH 806 Diesel
NI 702 D
IH 706 Gas Tractor
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Used Dual PTO's for
IH tractors

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NEW CASE 1845C UNI-LOADER 51 H.P.

Water-Cooled Diesel Engine
w/ Bucket & Big Tires



Also
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1835 B

If You're Buying A Skid Loader,
Prices Have Never Been Better

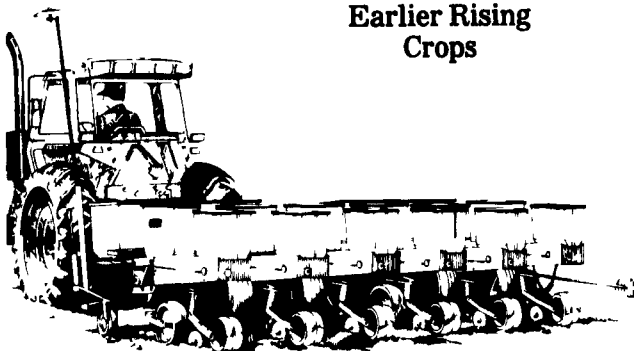
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For Less Than You Think!

CALL TODAY

See the NEW CASE IH Model 900 No-Till Planter



Earlier Planting,
Earlier Rising
Crops



Tests have proven the **EARLY RISER PLANTER** gives greater productivity, which results in superior yields

CASE IH 2294 4WD, 131 H.P.



- 12 Speed Power Shift Transmission
- Silent Guard Cab

Waiver Of Finance Plus Cash Rebate

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**LOOK FOR OUR
OPEN HOUSE**
February 18th-21st

GOOD CLEAN USED EQUIPMENT

HAY & FORAGE

- IH 555 Forage Harvester w/ Cornhead & Pickup
- NH 770 Harvester w/ 2 Row Cornhead & Pickup Attachment
- IH 56 Blower
- NH 320 Baler w/ 70 Thrower
- NH 258 Rake w/ Dolly Wheels Used 1 Season
- NH 880 w/ Pickup Attachment
- IH 440 Shredder 4 Row
- NH 2 Row Snapper 30 Rows
- IH 37 Baler
- NH 269 Baler w/ Thrower
- New Idea Wheel Rake
- IH 225 SP Mower Conditioner
- Gehl 99 Twin Blower.

Excellent Condition

- NH 489 Haybine
- Woods Model 208 Rotary Cutter
- NH 67 Baler w/ Chute Nice
- MF Model 1560 Round Baler
- NH 24' Elevator
- Little Giant Elevator, Like New

PLANTING & SEEDING

- IH 400 Planter, 6 Row, w/ Dry Fert
- AC Grain Drill

MISC.

- Cab Year-A-Round, Fits 56 Series Tractors, \$795
- 500 Gal PK Sprayer, Trailing Model

TILLAGE

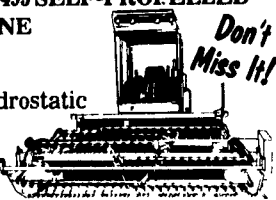
- 9 Tooth Glencoe Soil Saver
- JD KBA 10 Ft Transport Disk Harrow
- IH 370 Disk, 12 Ft
- MF Hyd Wing Fold Disc Harrow, 19 Ft Ex Condition
- IH 700 Plow, 4 Bottom, 16' Semi-Mt
- Case 8 Ft Disc Harrow
- IH 710.5 Bottom Auto Reset Plow
- 12' Pittsburgh Disk Harrow

SPREADERS & GRINDER MIXERS

- NH 791 Hydraulic Headgate
- Tandem Axle Starline Tank Spreader Excellent

NH 1495 SELF-PROPELLED HAYBINE W/CAB

Air, Hydrostatic Drive, Diesel Engine, Excellent Condition, 142 Hrs.



Don't Miss It!

- NH 519 w/ Hyd Endgate
- NI 10 Ton Tandem Axle, Hyd Gate, Top Beater, Ex Cond
- NH 790 Spreader w/ Hyd Endgate & Splash Guard, 10 Ton, Real Nice
- NH 352 Grinder Mixer

SKID LOADERS

- NH L775 Skid Loader w/ 66" Bucket & Backhoe
- NH L775D Loader, Deutz Diesel w/ Bucket Only \$8,950
- Case 1830 Skid Loader Good Condition Hydrostatic Drive

TRACTORS

- IH 184 Cub Lo-Boy w/ Mower
- Farmall H w/ Loader
- Farmall 350 Fast Hitch
- Farmall 300
- Case IH 684D 4WD, 162 Hrs.

- IH 464 Gas, 960 Hrs., Like New
- IH 966 w/ Cab, Ex. Condition
- Cockshutt Tractor, Model 30, Nice
- IH 966 3 Pt. w/ 20.8x38 Rear Tires, Ex. Cond.

GLENCOE SOIL FINISHER 12 Ft.

Like New
It's A Disc, Field Cultivator & Finisher All In One
\$3,995

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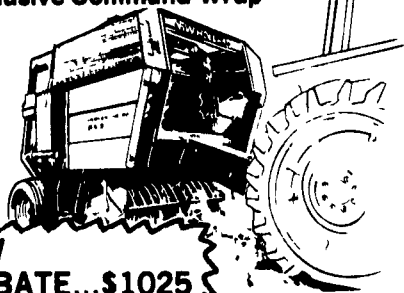
SAVE \$\$

**THIS EQUIPMENT WAS ON DISPLAY AT THE PA FARM SHOW
CALL US TODAY FOR GOOD PRICES**

SAVE \$\$

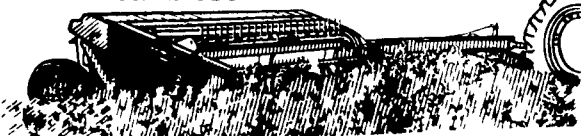
N.H. 853 ROUND BALER Featuring Exclusive Command-Wrap®

Picture Perfect Bales



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CASH REBATE...\$1025**

N.H. 489 HAYBINE

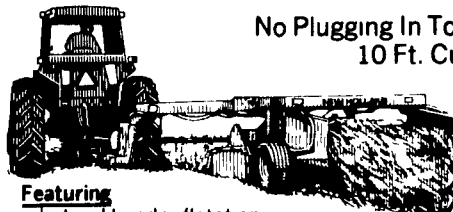


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No Plugging In Tough Crops
10 Ft. Cut



Featuring

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- Hydraulic cutting angle control
- Chevron-design intermeshing rubber rolls

**CASH
REBATE
\$1,000**

N.H. 355 GRINDER MIXER

**CASH
REBATE
\$375**

Featuring:

- 21" Mill
- 100 Bushel Tank
- Hydraulic Drive
- Computerized Electronic Scales

**Our Biggest & Best Sales
Days/Open House Ever
MORE SAVINGS**

Plus

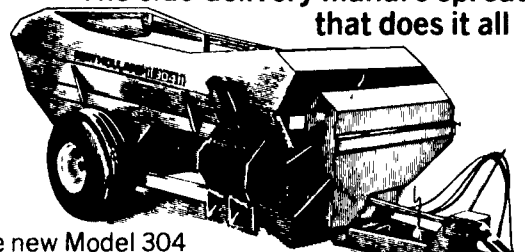
Featuring our 1st 1987 Ag Review

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MISS IT**

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NH MODEL 304

The side-delivery manure spreader that does it all



The new Model 304 side-delivery slurry or pen manure spreader-clean hauling and fast, efficient unloading. And the "304" is built for years of reliable service.

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Like New, Selling At Wholesale Prices

- NH 1495 S.P. Haybine w/ Cab, Air, Diesel Engine, Hyd. Drive, Only 161 Hrs.
- NH 326 Baler w/ 70 Thrower, Hydroformatic Bale Tension
- NH 276 Baler & Thrower
- NH 791 Spreader w/ Hyd. Endgate
- NH 258 Rake w/ Dolly Wheels
- NH 489 Haybine
- N.I. Spreader, 10 Ton, Tandem Axle, Hydraulic Endgate, Top Beater
- N.H. L775 Skid Steer Loaders (One Gas, One Diesel)
- NH 1495 S.P. Haybine, Cab & Air, 12 Ft. Head, \$18,500

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USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales & Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

For Sale: Snow Blower, 5' cut, 3 pt. hitch, works great, like new, \$975. 215-670-2439 Evenings.

For Sale: TE-200 Niemeyer power harrow, 7', FMC 500 gallon row crop sprayer, Holland 2 row transplanter, all good condition. 717-648-9003.

For Sale: VG4D Wisconsin, fits NH loader, good condition, \$675. 717-786-7943. 7:30 to 8:00 a.m.

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14 to 33 Horsepower
2 & 4 Wheel
Drive



Tractors and Implements
More than You Expect

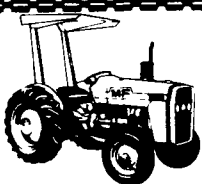


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Shift on the Go, Live PTO. Yanmar tractors mean a world of operating ease. Famous Yanmar Diesel power, 3-point hitch, clutchless on-the-go shifting. Test drive a Yanmar.



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**MARTIN
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MASSEY-FERGUSON
Where farmers' ideas take root.

TRACTORS & EQUIPMENT

MF 40 Diesel Tractor w/Loader
MF 50C Tractor w/Loader & Cab
MF 204 Tractor w/Loader

MF 750 Combine w/Atch.
MF 510 Combine w/63C Corn Head

NEW M.F. EQUIPMENT

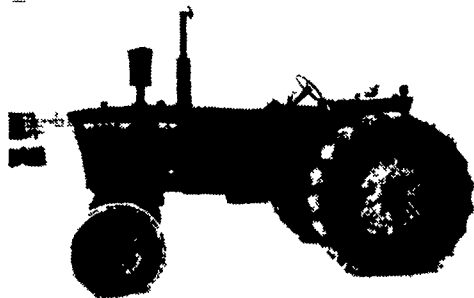
MF 240 Tractor
MF 240 Tractor
MF 283 Tractor
MF 1030 Tractor 4 WD
MF 1020 Tractor w/Turf Tires
MF 1010 Tractor w/218 Mower
MF 1010 Tractor
MF #43 2B Plow

MF 427 No-Till Drill
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades
MF 1018 Mower

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352 N. Jennerville Rd.
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LORLIN TRACTOR SALES



JD 4020 DIESEL
WFE, Recent Short,
Block, Nice
\$5,400

JD 820, Wheatland. \$3,800
JD 2030, Dsl., High-Low. \$5,500
JD 4020, Cab, Side Console. . . . \$6,500
IH 1466, Dual PTO. \$6,500
JD 4320, 72 Model. \$6,500
IH 1086, Cab, Digital. \$10,500
JD 4430, SGB, PS, Duals. . . . \$11,500

717-532-8926

Can Finance No Sunday Calls

USED EQUIPMENT

TRACTORS:

IH 886 w/ROPS, low hrs., real nice
MF 35 Utility
IH Farmall "C"
Farmall 200 w/Green Bean Mtd. Picker
Farmall 450 Diesel
Farmall Super C w/Fast Hitch & Cult.
Farmall 400 Gas, Tricycle
Farmall 806D, WF
Int. F12 w/cult., \$650 - Runs
IH 240 w/Fast Hitch
Cub Lo Boy w/60" Mower
IH 185 Cub Lo Boy w/Mower - Mechanic's Special, \$1,500
IH 340, Utility, WF, FH
IH 460 Utility Gas - Real Nice Cond!
IH 584 Row Crop - Real Nice!
IH 1566 w/Year-Round Cab, 30.5x32 Tires - \$11,500
IH 656 Diesel - \$4,850
Oliver 1800 Gas, WF, New 18.4x34 Tires
MF 135 gas, low-profile orchard tractor
Case 990, Ex Cond.
Case 885 Narrow, Special Tractor, Ex. Cond., Good for Orchard or Vineyard

TILLAGE:

Brillion Vibra Tine Trailing Field Cult., 16 Ft., Like New
Pittsburg 11'6" Disk
JD KBA Disk, 9' - \$750
JD BWA 12' Disk
JD 1710A 12' Trailing Mulch, Like New - \$3,950 - Now \$3,550
IH 37, 35 In Various Sizes
Ford 3 pt. Hitch 3-Bot Plow, 14", Category 2
IH 420 2 Bot. 14" 3 pt Hitch Plow
IH 550 5-Bottom Semi Mtd Plow
Int. 360 20 ft. Trailing Field Harrow
1-Bot. Trailing Plow
Vicon 10' Power Harrow - Was \$2,500 - Now \$950

OUTDOOR POWER EQUIP.- OVER 20 USED L&G TRACTORS IN STOCK AT ALL TIMES

Cub Cadet 149 w/42" Mower
Cub Cadet 108 w/Mower
Cub Cadet 106
Cub Cadet 105 w/mower
Cub Cadet 682 w/50" Mower
Cub Cadet 982 w/50" Mower-Rental Unit
JD 210 w/Mower, Nice Shape
AC Big 10 w/Mower
Gravely Model 424, 10 Hp, w/Mower
Yazoo 16 Hp w/48" Deck, Nice Shape
Yazoo For Parts

MATERIALS HANDLING:

Farmhand Loader for IH 74 or 84 Series Tractor
Alum. Belt Harvest Handler, 18' Elevator, Model B w/Motor - \$250

Winter Specials!

JAMESWAY VENTILATION EQUIPMENT IN STOCK Limited Availability 50% OFF

Butler 115 Mix Box (Make Offer) \$6,450
Vicon 281 Mower Cond. (Demo Make Offer) \$8,750
Trailblazer Foam Marker Kit (List \$950) \$ 785

John Blue Saddle Tanks - 200 & 260 Gal. Available In Stock
John Blue 300 Gallon Trailer Sprayer
John Blue 500 Gallon Trailer Sprayer

IH PARTS COMBINES:

IH 315 Hydro & Plat
IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd & 12 Ft Plat
IH 227 Cornhead
IH 700 13' Platform

COMBINES: 8.8% Int. or Waiver Til 11/1/87

AC FKS Diesel w/4-Row Wide Cornhead & 13' Platform
IH 205, Cab, 10 Ft Platform, Real Nice - \$3,800
IH 227 Cornhead, fits 315, 205 or 203
IH 843 4-Row-Narrow Cornhead - \$3,250
IH 863 6-row Cornhead Real Nice!
MF 550 Hydro, Late Model, Grey Cab, 900 Hours, 1144 Hd And 13 Ft Soybean Platform w/23" Tires
JD 45 w/Hume Reel, Good Shape, Late Model
744 Wide Cornhead for 715
743 Narrow Cornhead for 815

MISCELLANEOUS:

SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor - \$650
ARPS 3 pt 78" Snowblower
Walsh 300 Gal Trailing Sprayer
Howard Rotovator, 54", 3 pt Hitch, Hvy. Duty - \$1,050

HAY & FORAGE:

Int 56 Blower, Rebuilt
IH 61 Forage Wagon w/140 Gear - \$750
NH 33 Flail Chopper
NH No 26 Blower
(2) NH No 27 Blowers (Whirl-a-Feed)
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper (Parts)
1014 Hesston Mower Cond. - Make offer!
NH 69 Baler w/o Thrower
NH 268 Rake w/Jack
IH 27 Baler - Real Nice
IH 420 Baler w/o Thrower
IH 430 Baler w/Thrower - \$1,500!
IH 440 Baler - Real Nice!
(2) IH No Bale Throwers
IH Direct Cut Head For 15 or 16 Chopper
IH 781 Chopper w/2 Row Head - Like New
NI Stalk Shredder, 12' Vicon 281 Mower Cond. New, Demo - \$8,750

PLANTERS:

IH Model 510 16x7 CO SD grain drill like new
(2) IH 56 4-Row Planters - Real Nice Cond.
IH 400 4-Row Cyclo Planter
IH 2-Row Fast Hitch
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Lq. Fert., 30" Rows w/DEMCO Squeeze Pump - Nice!
JD Van Brunt 13x7
JD FBB 17x7 DD

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MONDAY, FEB. 9, 1987

Lunch Served 11 A.M. to 4 P.M.

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FILMS!

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10% DISCOUNT

ON ALL CASH PARTS SALES

50% DISCOUNT

ON ALL BUTLER VENTILATION EQUIP.
IN STOCK

PARTS DEPARTMENT

SAVE ADDITIONAL 10% OFF THESE SPECIALS.

BATTERY CHARGERS

10 AMP 407389R92
List \$49 99 SPECIAL \$44 99
15 AMP 100 AMP Booster
407390R92
List \$114 20 SPECIAL \$102.78
30 AMP 200 AMP Booster
407391R92
List \$139 99 SPECIAL \$125.99
80 AMP 300 Booster
1131855R1
List \$274 50 SPECIAL \$246.95

BOOSTER CABLES

549294C92 16 ft
List \$32 16 SPECIAL \$24.00

250 AMP AC-DC WELDER

1131077R1
List \$449 95 SPECIAL \$359.96

FENCE CHARGERS

113192R1 6 volt
List \$52 50 SPECIAL \$36.75
Solar Fencer #45
List \$178 00

FRAMING SQUARE

999134R1
List \$24 11 SPECIAL \$12.00

HAND CLEANER

1131736R1
List \$2 48 SPECIAL \$1.75

CLEANING COMPOUND

407424R1 10 lbs Powder
List \$8 49 SPECIAL \$6.36
407397R1 Grease Solvent
List \$12.50 SPECIAL \$9.40

UNPADDED SEAT COVER

FITS H & M
999662R91
List \$8 67 SPECIAL \$5.80

CADET STORAGE COVERS

407393R1
List \$26 08 SPECIAL \$15.75
CYLINDERS - CASE IH 3000
1282203C1
List \$74 01 SPECIAL \$59.90
1282205C91
List \$100 12 SPECIAL \$87.95

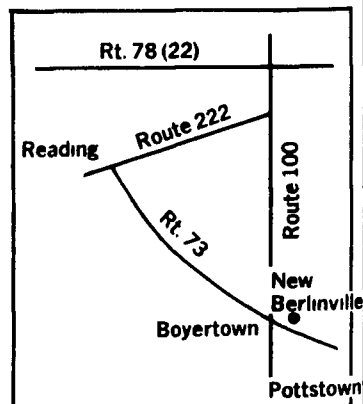
Plus Many Other Specials...

EQUIPMENT SPECIALS

Watch For Additional Listings Next Week

See Us For All Your Equipment Needs

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- * DeLaval
- * Roskamp Roller Mills
- * Deutsch-Fahr Tedders
- * Vicon Spreaders
- * Myers Snow Equipment
- * Farm Bilt Hay Wagons
- * Sprayer Parts headquarters
- * John Blue Sprayers
- * FMC Bean
- * Brouwer Turf Equip.
- * Grasshopper Mowers
- * Myers Forage Wagons
- * Hedlund Martin
- * Madison Silos
- * Ag Chem Sprayers & Parts
- * Northwestern Skid Loaders
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Old 2 cylinder JD flywheels, rebuilt with our patented steel drawn in hub, which has the ability to tighten up on worn crankshaft. New manufactured flywheels also available. Hubs available for installation by your local machinist. Home of the original taper lock super grip steel drawn in hubs. Dealer inquiries welcomed.

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JD 655, Turf Tires
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JD 850, Turf Tires
JD 850, 4WD
JD 2750, 4WD
JD 3150, 4WD
JD 4050, 2WD

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JD 4040 Power Shift
JD 2840
Farmall 300 Utility
Farmall 400
Farmall H
Farmall Super A
Ford 8N-Very Nice!
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Ford 8000 w/Cab
JD 1520 Row Crop, Gas

JD 666 3-pt.
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Stage—\$1,400
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Front Mount
Snowblower For 18
to 30 Hp Tractors—
\$1,200

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Plow w/Universal
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\$875

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6' To 8' 3 Pt. Rear
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Skid loaders-L-250 In
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New Ford- 555B T L B 4x4 w/Cab	\$42,047
Ford- 555A T L B 2 Wheel w/Cab	\$32,000
Ford- 340 T L B	\$16,900
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Ford- 6610 2 Wheel w/Rops	\$16,500
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Ford- 2910 4x4 w/Rops	\$13,900
Ford- 2810 4x4 w/Rops	\$11,800
New Ford- 2110 4x4 w/Rops & Loader	\$13,950
New Ford- 1910 4x4 w/Rops & Loader	\$16,151
New Ford- 1710 2 Wheel w/Rops	\$ 8,712
New Ford- 1510 4x4 w/Rops	\$ 9,553
New Ford- 1310 2 Whl Syro, Turf Tires	\$ 7,918
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Kubota- M7950 DT 4x4	\$15,000
Kubota- L4150 DT 4x4	\$18,950
New Kubota- L3750 DT 4x4	\$17,105
New Kubota- L2550 DT 4x4 Turf Tires	\$10,368
New Kubota- B8200 Hst 4x4	\$ 9,090
New Kubota- B7200 DT 4x4 w/Loader	\$ 9,187
New Kubota- B6200E 2 Whl w/Mwr Deck	\$ 8,404
New Kubota- G5200 Hst w/Mower Deck	\$ 6,540
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**Special 8 Ft. PTO Snow
Blower w/ Dual Spout**
List \$3,570
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3,350 gal. liquid manure tank
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USED EQUIPMENT

Case 430 Ind w/Loader
JD 4430
IH 826
IH 1466 w/Cab
IH 1066 No Cab
JD 4020 Dsl under 3000 hrs actual
IH 856 Dsl, No Cab w/38" Rubber
1978 MF 510 Dsl Hyd Combine w/Air, 880 lgs perfect

Uni 709, 4WD
Uni 708 Tractor
Uni 801, w/818 Combine & 843 C H Coming In

Uni 707 w/Perkins 6 cyl 727 Husker & 738, 4R Head \$10,750
IH 906 w/Cab & Air \$10,750 w/Motor Job or less & you rebuild it
JD 2440 Dsl w/Rack & Pinion Rear Wheels, 2100 hrs \$7,250
JD 2640 w/146 Loader \$10,750
Several year round cabs off IH

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Midway between Lancaster & Quarryville
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Leyland 802 tractor w/Allied Model 660 hydraulic bucket, \$8,250
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3 row mechanical transplanter units, model 4000, like new condition, \$900 per unit
JD 16A flail chopper, used 2 seasons, \$2,600
NH Model 890 chopper w/2RN corn head and hopper w/auger base unit for high moisture ear corn, \$3,800
NH Model 880W pickup head, like new, \$1,200
NH Model 27 blower, \$750
Hesston PT10 haybine, \$1,000
JD 125 chuck wagon on JD running gear, \$1,200 ea.
Gehl BU910 forage wagon w/unloading extension on NH running gear, \$1,350
NH Model 679 tandem manure spreader w/hydraulic end gate, \$3,000
NI single beater manure spreader, model 217 w/new chain, \$800

717-587-1725
Lackawana Co., PA

8820 JD combine, 2400 hrs., 24' flex head, 6R corn head. 717-748-8322 or 717-748-7376.

AC 333 4-row no-till cornplanter w/monitor; White 543 4-row no-till cornplanter. 301-582-1927.

AC 7580, 185HP, 1375 hrs., 20SP trans., 20.8x38 tires, 3 pt. and PTO, \$28,500. Will negotiate. 717-689-4459.

1979 IH 784-D, 4WD tractor, cab, new torque and PTO, \$7,995; IH 354-G tractor with 1850 loader, \$3,500; new IH 10 shank conser-till, make offer. Westmd. County, 412-238-5790, evenings 412-238-5296.

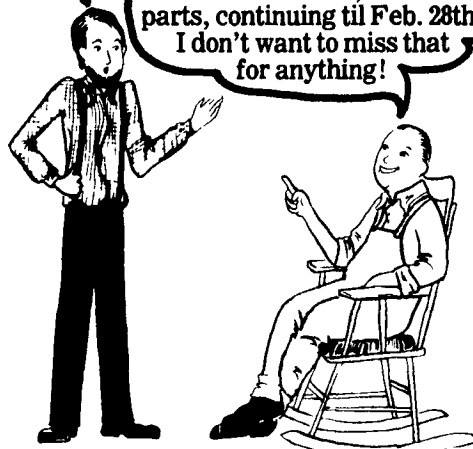
1983 MF 2640 tractor, 1300 hrs., 16SP trans., air conditioned cab, AM/FM stereo, dual remotes, excellent cond., \$17,000 Best Offer. After 6PM, 717-656-7994. Leola.

Jake, did you mark your calendar for the OPEN HOUSE at Binkley and Hurst Bros. on TUESDAY, FEBRUARY 17th?

You bet I did, Luke... I can hardly wait!

Do you know what they're offering??

YES...I hear the program they have planned is better than ever! And I also heard that starting on Open House Day they will be offering BIG DISCOUNTS on oil, filters and parts, continuing til Feb. 28th. I don't want to miss that for anything!



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- Unverferth McCurdy
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GEHL FORAGE BOXES, MIX ALLS, FORAGE HARVESTERS, FORAGE BLOWERS, SKID LOADERS, ETC	MIXER WAGONS AND MANURE SPREADERS	"BETTER-BILT" PARTS & SERVICE	FARM TIRES WAGON, TRACTOR, TRUCK... ANY TYPE YOU MAY NEED
Plus HEDLUND MARTIN-TYPE SPREADER LINE Owned By Gehl	BUSH HOG ROTARY CUTTERS	BEHLEN CORN CRIBS	BUCKETS & FORKS MADE TO ORDER FOR ANY SKID LOADER OR YOUR TRACTOR LOADER
AMCO DISC HARROWS	TRANSPORT GRAIN AND FERTILIZER AUGERS	General Eager Beaver TAG-ALONG TRAILERS	HUSKY MANURE HANDLING EQUIPMENT
Glencoe SOIL FINISHERS FIELD CULTIVATORS SOIL SAVERS	SOUTHEAST TAG-ALONG TRAILERS ROUND BALE CARRIERS ROUND BALE FEEDERS, ETC. ROTARY CUTTERS	CHISEL PLOWS AND DISCS	Ag-Tech LOADERS AND BUCKETS

1

FARM EQUIPMENT

1,000 gal. Dori-Kool bulk tank, auto. washer, Fre-heater, 1 yr. old, \$8,000. 201-875-8964.

10½' Bush Hog, offset, excellent shape, \$3,100; Papec silage chopper, very old, steel wheels, free. Goochland Co. 804-784-5024 or 804-784-5117 eve.



Case 1494 w/480 Hrs. "Special Price"

Case 1410 A-1 Shape, All Overhauled, Good Shape, Good Price
Case 995 Tractor & Loader

JD LA Antique Special
705 Power Unit Diesel, Uni-System

Case 580E Backhoe, Low hrs., excellent condition

OMC 540 Stacker

OMC 540 N Mover

NI #324 Corn Picker w/Super Sheller

NI #324 2 Row Wide gathering unit, good shape.

Plus NI 702 Uni-Tractors, corn pickers & spreaders in stock at Good Prices.

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Ask for Paul

1,2,3,4,5,6 steel horse hitches, wood & steel yokes, JD binders & parts used, wagons w/new beds, good black pipe & tubing, cut to your specification, wrought iron railing & column. Christian L. Fisher, 74 S. Ronks Rd., Ronks, Pa. 17572.

1970, 1048 self propelled bale wagon, \$18,000 or Best Offer. Good condition. 609-758-2821.

1971 JD 4620, 135HP, 20.8x38 tires, very good condition. 412-667-8820.

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- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 4' - 7'
- 4' - 6' Finish Mowers
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Pine Grove, PA
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4 btm. 700 int. semi mounted, auto reset, \$1,500. 717-548-2469

Cub 184 Lo-Boy w/60" Woods Rotary Mower
Excellent Condition
\$3,795

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Backhoes, Loaders, Crawlers, Dozers, Etc. Currently Available:

Backhoes: IH 260-A; IH 2500-A, Case 580-B, JCB 3C, Needs Work, \$3,000; JD 500 w/Cab; Dynahoe 190 w/Cab, Detroit Dsl

Crawlers: IH TD 14 Cable Blade, IH TD-8-E w/6 way; IH TD15B w/Cab, 933 Cat

Miscellaneous: IH 250 loader w/3 pt; General 25 ton 5th wheel trailer; 3 9 ton trailers

Inventory Changing Daily. Call for current prices

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Rick Kammann
301-335-4189 Day
301-335-5920 Evenings

300 gallon Husky Sprayer, centrifugal pump, 32' boom, flotation tires. \$600. 717-548-2469

3250 gal. Calumet liq. manure spreader, good condition. Stump Acres. 717-792-3216. York County.

400 Cyclo corn planter, dry fertilizer, no-till, Dickey-John monitor plus population count, insect. box, excellent condition. Always kept in the dry. 717-263-0131.

400 Farmall, new motor, good tires; 4R Oliver corn planter, all in good shape. 302-239-5326.

430 IH baler w/thrower; #15 IH hay rake; Grimm hay tedder; 18' hay wagon w/sides; JD 4400 dsl. combine, 4R C.H., 13.5' G.H. After 6PM, 717-644-2103.

444 Bobcat Skid Loader, in running condition, \$1500. Cumberland Co., 717-532-3360.

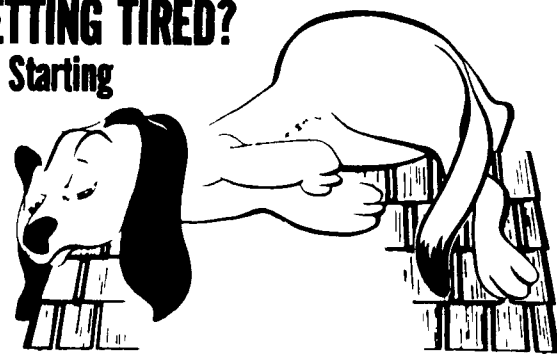
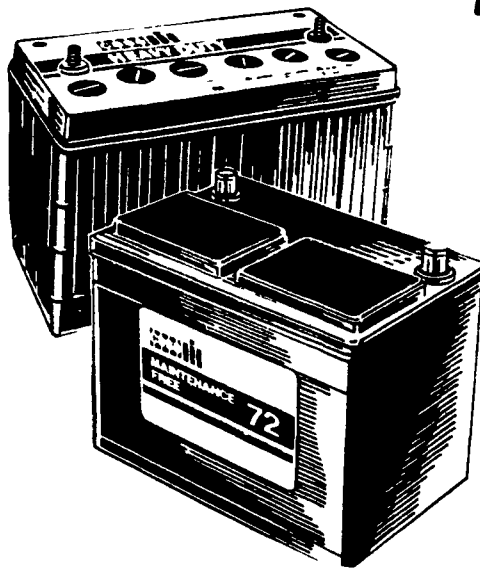
4 row no till 600 series AC corn planter, used only 2 yrs., \$2,200. 717-548-2469

'86 Ford F250, 4WD, auto. trans., V8 fuel injection, air cond., radial tires, 8,000 miles, \$9,600. Somerset Co. 814-893-5589

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SPECIAL
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- Save \$700 On A MF Model 820 Wing Disk w/Spring Bearing Hangers, Approx. 21-22 Ft. Hyd. Wing Fold, Transport Disk w/9" Spacing On Front Gangs & 7½" Spacing On Rear Gangs. Blade Dia. Varies From 20" To 22", Gangs Are Spring Bearing Rock Flex Mounted...Reg. \$4,950..... \$4,250
- Glencoe® Model HTS 430 High Trash Row Crop Cultivator For Conservation Tillage Practices. New No Till Ridge Cultivator, 4-30" Rows...One Only... List \$6,165..... \$4,495
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- Goosen Bale Chopper w/30 Ft. of 6" Hose, Self-Contained Power Unit, 11 HP Honda, Tag No. 1452, \$3,050..... \$2,485
- Bush Hog Model 1439 Transport Disk Harrow, 16 Ft., Spring Assist Wing Harrow w/9" Spacing, 4 Transport Wheels, Scrapers, Buster Bar Leveling Attachment, Blade Dia. Approx. 17" (Hyd. Lift Cyl. Not Included) \$2,350
- Save \$\$\$ On A Model 116 Demo, 16 HP Compact Riding Mower, Serial No. 140947818 w/44" Rear Discharge Mower, Was \$2,971..... Now Only \$1,250
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- New Bush Hog 7 ft. 3 pt. Squealer, Twin Spinner Rotary Cutter, List \$1,575..... \$1,149
- Manure Fork Attachments For All Popular Make Skid Loaders At DISCOUNT PRICES
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- Used IH Model 770 Like New Condition, In Stock, 12' Working Width, Standard Bearing Hangers, All Hydraulics Included, Dual Transport Wheels w/Flotation Tires, Good, Heavy Earth Metal Blades w/Approx. 23" Dia. Front Gangs & 22" Dia. Rear Gangs Like New, Discount Sale Price \$4,750

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- Notice: We Have Forklift Block Tines In Stock (3) Like New Sets Of 2 To Fit Case 586, 6,000 Lb. Forklift Price Per Pair \$425
Reminder - New Tines Cost Approx. \$350 Each So Get A Bargain On These Like New Sets
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- Used Hedlund Martin 3,000 Gal. Semi-Solid On Truck Frame w/Tandem Dual..... \$2,350
- Myers 518 Forage Box w/3 Beaters & Roof, Wood Sides & Wood Stakes, 6'x16' In Stock, One Only..... Discount Sale Price \$4,350
- Like New, New Idea Model 218 Tandem Axle Manure Spreader w/Hydraulic Endgate, UM 1143 Only \$2,950
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- Used 18' Flat Fold Landol Soil Controller w/Slicer Coulters Priced Right!
- Used Amco Model D200 Double Offset Hydraulic Fold Wing Disk w/Spring Bearing Hangers, 20'6" w/Approx. 21½" Dia. Blades Priced Right!

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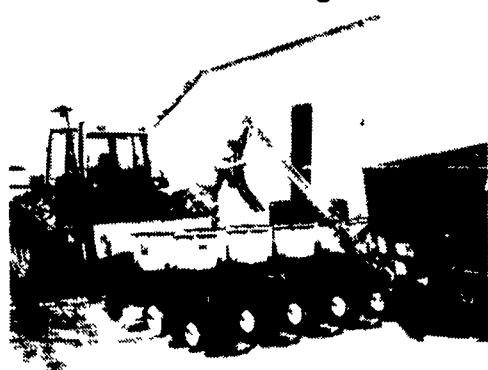
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SAVE \$\$\$ By BUYING YOUR FERTILIZER IN BULK By Using This Attachment And Your Truck

HYDRAULIC TRUCK AUGER
12 Ft. Folding



\$645.00

OR PULL THIS GRAVITY BIN BEHIND



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The Easy Way!**

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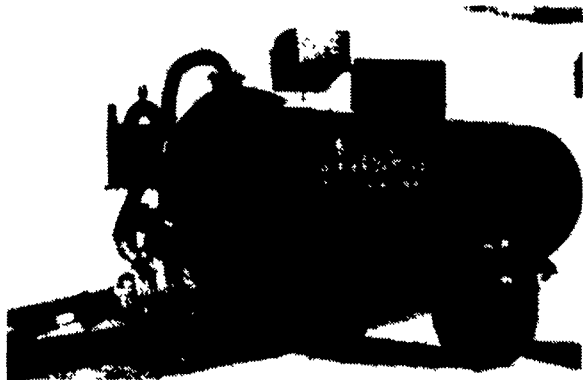


Filling Planter Hoppers

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*Features 5 Year
Unconditional
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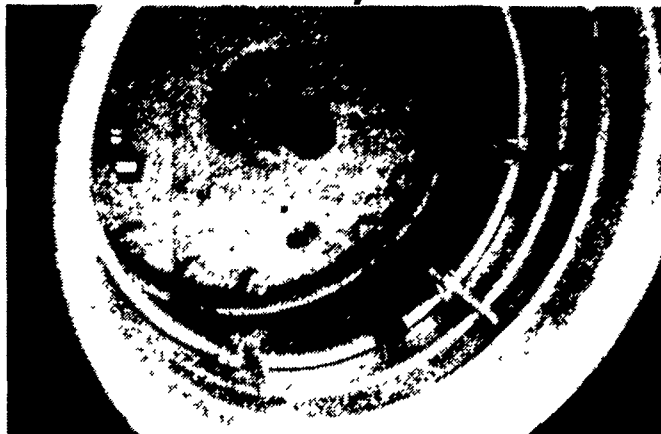


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- Vacuum Pump Supplied w/High Heat Vanes
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**SPECIAL
\$5,575**

CIRCOLOC®: The Open Center Dual



Unverferth's Circoloc system ties the dual wheel to your tractor's original wheel with snap-on simplicity, but incredible strength.

If you're like most farmers, your operations can benefit from a dual wheel system which easily converts back and forth from single wheels. For such flexibility, open center dual wheels are the answer.

And only one open center system combines such flexibility with functional stability the world-wide patented Circoloc open center system.

The Circoloc concept not only allows for quick, easy installation and removal of dual wheels, but also provides a hook-up as solid and carefree as your original tractor wheel.

The secret to the Circoloc system is the effectiveness of the Circoloc clamp and ring assemblies. The ring is continuously welded onto the dual rim for a tight bond. The clamps then bite tightly onto the ring, and thread to hooks which run through eyelets on the original tractor wheel.

Circoloc open center systems are available in two types: snap-on or economy models. Snap-on duals are tightened by snapping down handles on the clamps. Economy Circoloc clamps are tightened by threading a nut onto the hook threads.



The secret to Circoloc is the effectiveness of the clamp and ring assemblies.

We Have Huge Inventory In Stock - Get Ready For Spring Now!

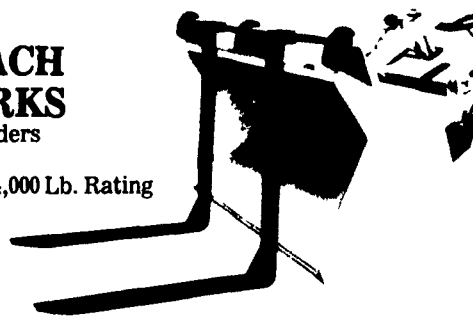
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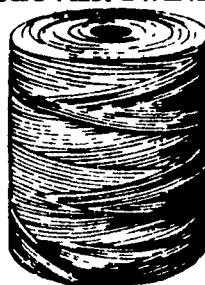
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Your Needs

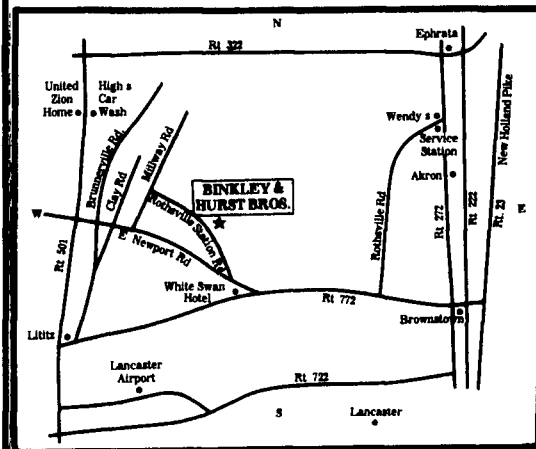


Just Arrived... CLOVER TWINE



• 7,200 • 9,000
• 10,000

**Order Now At Our
Special Trailload
Prices**



SEE US FOR YOUR LATE MODEL CONSTRUCTION EQUIPMENT NEEDS - THE PRICES ARE RIGHT!

- Case 450 Crawler Loader, 1980, w/4-in-1 Bucket
- Case 855C Crawler Loader, 1984, w/4-in-1 Bucket
- (3) Case 580E Tractor Loader Backhoes, 1984 w/Open ROPS
- (2) Case 1845 B Skid Loaders, 1984
- John Deere 310 Tractor Loader Backhoe, 1985, w/Open ROPS
- Case 580 E Tractor Loader Backhoe w/Cab, Mech. Front Wheel Drive, 1984
- Case 1835 Skid Loader, Diesel
- Case 1690 Farm Tractor w/Power Shift, Low Hrs.
- Pettybone "Super 6" Forklift, All Wheel Drive
- (3) Ford F800 Diesel Box Dump Trucks, Single Axle
- D3 Cat 6-Way Dozer
- Case 1830 Gas Unloader, Late 1979 Model w/ROPS Cage, Approx. 1075 Hrs., Good Paint, UT 1205, Loaded \$5,960
- Save \$3,000 Case 586D Diesel Forklift w/21' Mast, 6,000 Lb. Capacity, Approx. 500 Hrs., Side Shifter, Like New, Was \$24,800
SPECIAL... You Haul Away For Only..... \$21,800
- 1980 Case Model 850B Crawler Loader, ROPS, Brush Sweeps w/G.P. Bucket w/Teeth, Good Paint, Good Pads, Good UC, Pins & Bushings - 50%, SN 7079648, Tag No. UT1193 \$27,900

- Case W11 Articulated Payloader w/Rops, Approx. 50 HP, 2402 Hrs. Only \$14,800
- Case 855C Crawler Loader w/4 In 1 Bucket, Low Hrs. \$34,800
- Case 450B Crawler w/4 in 1 Bucket, 1980 Model
- Case 580E, frops, Canopy, Tractor Loader Backhoe, 2 Wheel Drive, Low Hrs.
- IH 260A Loader Backhoe Tractor
- Case 580D All Wheel Drive Loader Backhoe, Low Hrs. . . Priced Right
- John Deere 455D Crawler Loader w/Low, Low Hrs.
- Case 580C, Cab, 1978 Model \$14,800
- John Deere 555A Crawler Loader w/Ripper
- 1984 1845 B Diesel Unloader..... Priced Right!
- Case 30" Trenching Bucket

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BROS. INC.**

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Located 1/2 Mile North of Rothsville
(717) 626-4705

Hours Mon-Fri 7 AM - 5 PM.
Sat 7 AM - 11:30 AM
Sun Closed - Lord's Day



USED EQUIPMENT

MF 50 Gas Tractor
MF 1130 Tractor
MF 275 Diesel Tractor
w/MF 236 Loader
MF 760 Combine
MF 860 Combine (900 Hrs.)
MF Balers

NEW EQUIPMENT

MF 3500 Tractor
MF 270 Tractor
MF 383 Tractor
MF 3525 Tractor
MF 3505 Tractor
(Demo.)
MF Compact Tractors
MF 144 4 Bot. 16" Plow
MF 133 10' Chisel Plow
NI 660 For. Harv.
NI Spreaders
Snapper Mowers

Winter Service
Special...
SAVE 10%
On All Major Overhaul
Jobs Performed During
January & February

OPEN HOUSE
March 5 & 6
Watch For Details

N.H. FLICKER & SONS, INC.

Box 68
Maxatawny,
PA 19538
215-683-7252



USED EQUIPMENT

MF 205 Combine
Farmall 340 Trac
White 2-135 Tractor
MM 670 Gas Tractor
Haybuster 1068 No till Drill
White 281 10' Offset Disc Harrow
Century 200 gal 3 pth weed sprayer, 35' Boom
18' Hydraulic Fold Field Cultivator
18' Brady Hyd Fold Chisel Plow
JD 3B 16" Plow
Athens 10' Chisel Plow, 3 pt
White 5400, 4R No-Till Planter
White 543, 4R Corn Planter
Ford 2 Row Cultivator
Fox 728 2R Corn Head
NI Rotary Cutter
NH 512 Manure Spreader
White 271, 23' Disk Harrow
Brady 722 Flail Shredder
Hesston 7150 Forage Harvester
Westfield 31'6" Auger
Glencoe Field Cultivator
Better Bilt 1100 Gal Liquid Spreader
Ford 501 Mower
Danco Rear Unload Forage Box
Woods 12' Flail Shredder

STANLEY'S FARM SERVICE

RD Box 46
Klingerstown, PA
717-648-2088

1 FARM EQUIPMENT

NEW EQUIPMENT
WHITE-
2-88 Tractor w/Cab
508 4/5 Bot. Plow
598 5/6 Bot. Plow
5100 6-Row Planter
w/Dry Fert.
Field Boss 16 Com-
pact Tractor, 4WD

KUHN-
10' 2 Pull Type Tedder
11' 6 Rake & Tedder
17' Pull Type Tedder

GEHL-
BU970 For. Box
FB 1580 Blower
RM 1460 Round
Baler
DC 2330 Disc Mower
Cond.
MX100 Grinder
Mixer



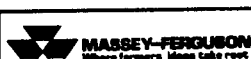
FARM EQUIPMENT
NEW IDEA-
362 Spreader
272 Cutditioner

USED EQUIPMENT
Int. 47 Baler w/Thrower
NI No. 10 Cornpicker
Gehl FB99 Blower,
Reconditioned
Gehl 4300 Skid Loader
NI 213 Spreader
Int. No. 110 Forage Box
with No. 330 Running
Gear, Nice.

OPEN HOUSE
COMING
Feb. 17
Watch For Details!
Gehl Night
Feb. 16
DISCOUNT DAYS
Feb. 9-28

MILLER EQUIPMENT CO.

RD 1 Bechtelsville, PA
215-845-2911



Ford 8N
MF 35 Gas
MF Super 90 Dsl
w/Loader
MF 85 Gas
MH Pony Tractor
JD 90 Skid Loader
MF 40 Offset Disc, 14'
White 283 Transport
Harrow
Ford 501 3 pt. Mower
NH 469 Haybine
NH 320 Baler
w/Thrower
IH 1190 Mower Con-
ditioner
NH S23 Blower
NH 25 Blower
Gehl Blower
Fox Blower
IH Grain Drill
Herd Fert. Spreader
NH 516 Manure
Spreader
Farmhand 257 Tank
Spreader
NH 352 Grinder Mixer



SCHREFFLER EQUIPMENT

Pitman, PA
717-648-1120
717-648-1811

PLAN NOW TO ATTEND OUR ANNUAL OPEN HOUSE

3 BIG DAYS- FEB. 18th, 19th, 20th

Details To Follow

NEW EQUIPMENT SPECIALS

Martin 1678 Scavenger, 2250 gallon - \$9300.
IH 800 corn planter, fully equipped - \$6900.
New Idea 4RW double frame corn planter, equipped for No-Till - \$8900.
Plus get customer rebate.
New Idea 484 round baler, 4'x5' bale - \$8300.

USED EQUIPMENT TRACTORS & LOADERS

Case 930
Case 1070 ROPS
Case 2090 Cab

IH 1066 Cab
JD 2640
Case 1737 Unloader

Case 1740 Unloader
Case 580C Loader
Bush Hog 3400 Loader

CORN PLANTERS

IH 400 4R, 6R
AC 600 6R

JD 494A 4R
JD 1240 4R

JD 7000 6R

MISC. EQUIPMENT

763 Row Crop
838 Uni Husker
Bush Hog 10' Mower
Gehl 1580 Blower
Mechanical Trans
planter

IH 241 Round Baler
Gehl CB600 Harvester
JD 5 Bot Plow
JD-AC-IH Corn Planters

NH 8 Forage Box
OMC 217 Mower
Conditioner
Gehl HA900 Hay Head
Case 10T Chisel

MANURE SPREADERS

NI 224

NI 214

NH 675

NH 790

Badger 1500 Gal Tank



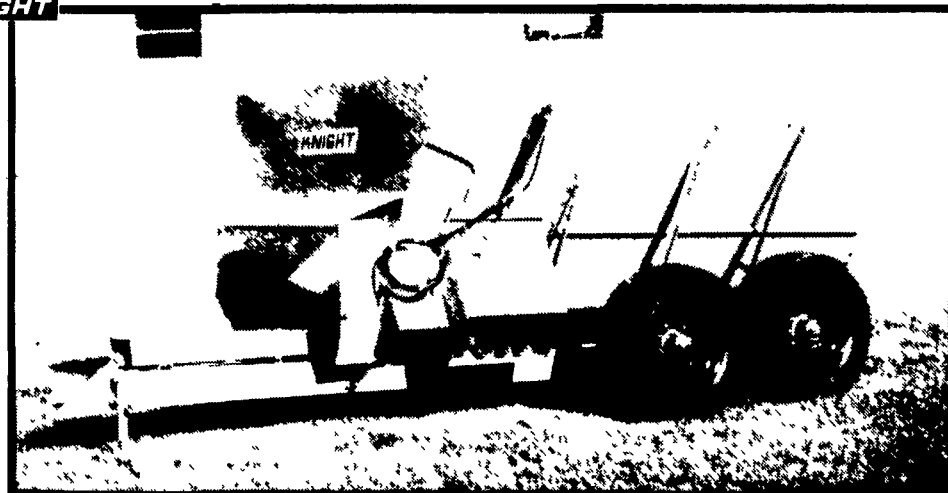
A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA. 17566

PHONE: 717-786-3521



"SLINGER" MANURE SPREADERS In Stock



Priced Reasonable...Compare!

SPECIFICATIONS AND FEATURES, MODEL 1514

- Weight w/Tires & Upper Agitator 5410#
- Weight w/Tires Less Agitator 4910#
- Weight Less Tires & Agitator 4570#
- Height w/o 4" Wood Rails 66"
- Height w/4" Wood Rails 70"
- Add for Splash Guard 9 1/2"
- Width at Top 72 1/4"
- Width Outside of Tires w/20" 93"
- Width Outside of Tires 97" W/16.1
- Length Inside Hopper 14'
- Length Total Incl. Tongue 19' 11"
- Capacity Gallons w/o Rails 1435
- Capacity Gallons w/4" Rails 1625
- Capacity Cu Ft Struck w/o Rails 192
- Capacity Cu Ft Struck w/4" Rails 217
- Door Opening 18x30
- Hopper Steel (Copper Bearing HR) 8 Ga
- Roller Chain Drive 60-80-120
- Hammer Drive #60H
- Auger Diameter 24"
- (Full Flighted with Paddles at the Discharge Door)
- Auger Flighting Thickness 3/8"
- PTO 540/1000
- Hubs 8 Bolt
- Spindles 2 1/2"
- Axle Tandem
- Door Opening Gauge Standard
- Upper Agitator Available Yes
- Drive Line Protected w/Overload Clutch
- 12 Swinging Hammers, faced with high manganese steel wear bars

Ag-Industrial Equip. Co.

DEUTZ-ALLIS



NEW HOLLAND PLANTERS

TRACTORS

AC 190XT
AC 7000, PS, ROPS
(2) AC 7020
AC 7040
AC 7060
AC 7080
(2) AC 5040
(2) AC 5050 w/Loader
AC 210
JD 2840
JD 2240
Farmall 656 DH
Kubota 355 w/Loader
Kubota B7100 HSE
w/RC6000 Mower
AC 6140 4WD w/Loader

FORAGE EQUIPMENT

NH 1895 w/4RN & WPU
NH 1890 Hydro C/A
w/3RN & PU Head,
550 hrs.
(3) NH 822 Corn Head
NH 770 w/WPU
NH 28 Blower
NH 30 Blower
JD 5400, 3RN & WPU
Field Queen w/3RN,
2RW & WPU
Field Queen Standard
w/3R Head
NH 900, 2R 30" Snapper
Head

MISCELLANEOUS

NH 307 Spreader
Hub 48' Elevator
Gilson 30' Blower
(2) NH 358 Grinder
Mixer
NI 325 Corn Picker
AC 2500 Disk
IH Spreader
NH 90 Bale Handler
JD 220 Disk
Little Giant 36' Elevator
Crust Buster 13' Posi-
Depth Soybean Drill

Spring Auction
March 2, 1987

LAWN & GARDEN

AC 716 w/Mower
(2) AC 712H w/42"
Mower
AC 616 w/5' Mower &
Dozer Blade
AC 811 w/Mower
AC 608
AC 312 w/Cultivator,
Plow, Blade &
Mower
Woods 1250 Front
Runner
(2) Cub Cadet 782
Gravely w/Mower
JD 112
Kubota B5100E
MF 14HP w/Mower

RAKES

NH 256
NH 258
(2) NH 260
V-Tandem Hitch

MOWER CONDITIONERS

NH 1495 SP, 12' Hyd.
Gas
NH 469
NI 279 Cutditioner
Hesston 1010

COMBINES

AC CII w/2 Heads
AC FKS2 w/430 Corn
Head and 313 Flex
Head
AC G440 Corn Head
AC 430 Head
AC 6RN Head for M2
Combine

MOWERS

NH 451
NH 462 Disc
NH 463 Disc
Triumph Sickle Bar

WAGONS

NH 1037 Bale

BALERS

(2) NH 273 w/54A
Thrower
NH 271 w/Motor
NH 320 w/58 Thrower
NH 846
NH 849 Round
NH 320 w/70 Thrower
NH 316 w/70 Thrower

Open House
February 11, 1987

Call Ed Greenleaf Sam Siple
Service Call Terry Greenleaf
1207 Telegraph Road Rt. 273 Rising Sun, Md
301-658-5568 301-398-6132

215-869-3542

Immediate Financing

Hours: Mon-Thru Fri 8 to 6 Sat 8 to 3

CLOSED SUNDAY



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Located 1/2 Mile North of Rothsville

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RD 1
Thompsonstown, Pa. 17094
717/535-5684
Machine Shop
717/535-5409

Chevrolet Small Block Engine Rebuilt Kits, Rings, Rod Bearings, and Main Bearings With Full Gasket Set \$89.90, Cam Kit, Cam Lifters, Prelube \$89.95. Other Kits Available At Comparable Prices. Perfect Circle, M&W, TRW, and Sealed Power Tractor Industrial Kits Available. Full Engine Machine Shop Service and Rebuilding Available.

1 FARM EQUIPMENT

GOOD USED FARM EQUIP.

NH 489 Hyabine, NEW	\$7,350
NH 489 Haybine	\$4,400
JD 1209 Haybine, Real nice	\$2,800
Pequea 7' Tedder, PTO, Like New	\$1,050
NH 316 Baler, Baled 4000 Bales	\$6,000

WILL TRADE
Can Deliver
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Larry's Tool Outlet
American made name brand tools at savings to 80%
Open Thurs., Fri., Sat.
11 a.m. - 8 p.m.
431 Harrisburg Ave.
Across from Adelphia Seafood
717-394-1400
After Hours **392-3392**

Feed bins for sale:
2 13-ton Chore Time bins w/cross auger; 2 7-ton Chore Time bins w/cross auger. Call **626-1755** or **626-7363**.

SHULER EQUIPMENT SALES
RD #1 Box 228
Shuler Road
Shermansdale, Pa. 17090
717-582-4365 anytime
ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS
WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION

TRACTORS and SKID LOADERS REBUILT
Perkins and Wisconsin gas or diesel power units
New
Briggs & Stratton Belts - Pulleys
Used Wisconsin Parts
Glick's Engines
Leola, PA
717-656-9734

FOR SALE
(3) 2 row CRCO SNAP BEAN Harvesters
33' tandem trailers w/conveyors
49 Dodge 1,500 gal. Tanker
McConnel feather table for potato harvester
717-398-0226

case

NEW CASE 34 H.P. DIESEL 1835 UNILOADER
w/66" Light Material Bucket,
Big 10.00x16.5 Tires,
Working Lights - 2 Front, 1 Rear
NC 1431
List Price **\$17,264**
SPECIAL... Call!



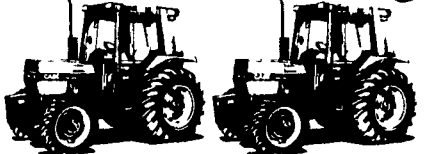
The Newly Introduced
CASE IH 900 SERIES PLANTERS
Are Here!
Now, there's a better way to cover all your ground!
NEW CASE IH 900 SERIES EARLY RISER PLANTERS

No matter what type of tillage you practice—conventional, no-till or min-till—the new 900 Series Early Riser planters are your answer. Their improved state of the art row unit design with exclusive staggered Earth Metal® double disk openers, patented furrow firming points and staggered inverted closing disks assure good penetration and seed furrow closing in no-till sod as well as lightly or conventionally tilled seedbeds. Which means you can switch from conventional till to no-till without adding weights or special coulters. These latest Case IH 900 Series planters have new features, options and improved frames, metering systems and row units to make them better than ever. Isn't it time for an Early Riser to plant all your ground?

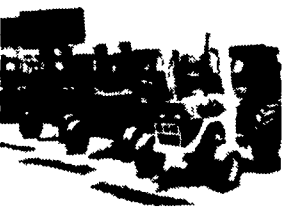
You've never seen so much in a tractor until you've seen the new Case IH 85 Series

You'll get more comfort, more productivity and versatility features than ever, starting with the new air conditioned Case IH cab, deluxe 4 way adjustable fabric seat, roomy off-the-deck console controls and unrestricted visibility. There's a smooth working 8F/4R synchromesh transmission, 16F/8R power shift available for all models. Take your choice of row crop low profile utility heavy duty cast and center line MFD axles (row crop axle and MFD for the 585/685/685). Any way you look at it you get more tractor for your money with a new Case IH 85 Series tractor.

385 1815 7WD 34.1 TO HP (25.1 kW)
485 1815 7WD 42.1 TO HP (31.3 kW)
585 1815 7WD 52.1 TO HP (38.4 kW)
685 1815 7WD 62.1 TO HP (45.2 kW)



Why Not Trade Up Now
To A New CASE IH 65 H.P. 1394 DIESEL TRACTOR
w/Power Shift & Loader Installed & Ready For Work!
Loader Has Single Lever Control & 72" Wide Bucket - Quick Attach Type, Easy On/ Easy Off!
Reg. Price **\$19,800** List Price **\$25,053**
SPECIAL Call!
For Complete Tractor & Loader Setup



Early Riser Cyclo® Air-Planters
Huge 15 bu. centralized seed hopper (two hoppers on 12 and 16 row models). Quick change seed drums. Cyclo Air precision seed metering system. Early Riser row units.
• 4, 6 and 8 row trailing rigid
• 12 and 16 row trailing horizontal rear-fold
• 8 and 12 row mounted vertical fold
• 6 and 8 row semi-mounted rigid

Early Riser Plate Planters
Big 18 bu. translucent fiberglass seed hoppers. Quick change planting equipment. Early Riser row units.
• 4, 6 and 8 row trailing rigid
• 4, 6 and 8 row mounted rigid
• 8 and 12 row mounted vertical fold

Early Riser Planters

Make this your year for faster, earlier planting and earlier rising crops... with the new 900 Series Early Riser planters

case

300 Horses Coming Your Way Plus SAVE BIG If You Buy In January & Get WINTER BUYER'S DISCOUNT

LIKE NEW CASE 2870 4WD 300 H.P.
w/20.8x34 Duals, Double Remotes, Cab w/ Heater & Air Conditioner, 3 Pt. Hitch, PTO.
You Must See To Appreciate!
Lots Of Light For Night Time Operation
Ready For Work! Don't Miss It!
\$28,000 **SPECIAL Call!**



CASE 1690 DIESEL TRACTOR
718 Hrs., Approx. 90 HP Rating, 6 Cyl.
Power, Power Shift, 18.4x38 Rear Tires, Twin Remotes, 540-1000 PTO, Platform-Type, UT1240
Was **\$14,800**
\$13,800 or BEST OFFER

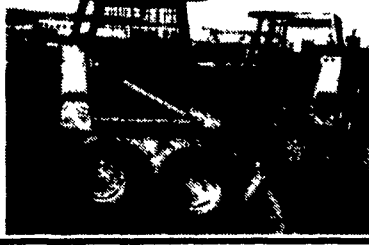


Coming Soon...

LIKE NEW 1980 CASE MODEL 1290 DIESEL TRACTOR
w/16.9x30 Rear & 7.50x16 Front Tires, Only 252 Hrs., UT1258
Don't Wait & Miss This Like-New Bargain!
ONLY \$10,850
Note: New Loaders In Stock To Fit This Tractor



TAKE YOUR PICK
From A Pair Of
GOOD, USED 1816B UNILOADERS



Coming Soon... LIKE NEW CASE 60 H.P. 1390 TRACTOR
w/750 Hrs., 16.9x30 Rear Tires On Power Adjust Rims, Syncro Shift Transmission, UT1259
With Case 54L Quick-Tach Loader Installed
ONLY \$12,850



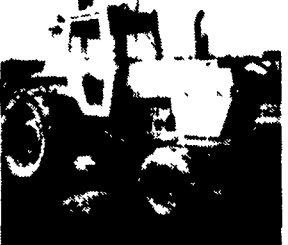
SAVE BIG...CASE 2090
w/Cab, Air, Heater, Power Shift, Rated 108 H.P., Only 1300 Hrs., 18.4x38 Tires
Was **\$16,500**
NOW ONLY **\$14,800 or BEST OFFER**



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Located 1/2 Mile North of Rothsville
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Sun. Closed - Lord's Day

CASE 2390 CAB TRACTOR
Heat, Air, Power Shift, 20.8x38 Radial Tires - Approx. 75% (Wts. Not Included). A Good, Sound One Owner Tractor.
Tag No. UT1177
SPECIAL \$15,800



SCHROCKS FARM EQUIPMENT

JD 4430, 1976, cab, air, PS
JD 4240, cab, air, PS, 2,150 hrs.
JD 2940, 1,200 hrs.
JD 2840, nice
Case 1390
Case 1410, 1,200 hrs., cab, air
Case 1212 loader, quick attach.
Deutz 130-06, cab, air
Deutz 100-06, cab
Ford 5000, 4 WD
Ford 5000, cab, turbo
Ford 5000, original IH 784
(3) IH 560's
MF 1080 w/cab
MF 300 combine w/cab
(2) NH grinder mixers
301-334-9060
or
evenings
301-334-9059
301-334-8517

TRACTORS

TW30 w/Duals
JD A
MF 180
IH 1066 w/Cab
Ford 1900 2WD
Ford 1700 4WD P. Steering
Ford 1700 w/Loader P. Steering
Ford 7710 w/Cab
Ford 7700, 4WD, Less Cab
Ford 5610 Less Cab
(2) Int. 5610's
Int. 656
AC 160
Ford 4000 Gas, SOS
Ford 1100 2WD
Ford 1100-4WD w/mid mower
8 & 9 N's
Ford 7700 2WD Less Cab
TW5 Less Cab
TW5 w/Cab

EQUIPMENT

NH 489 Haybine
NH 78 Baler w/Thrower
NH 717 Harvester
NH 782 Harvester
repossessed
Lots of Lawn & Garden Tractors w/Mowers & Snow Blowers.
NH 425 Skid Loader
Bobcat 843 Skid Loader
Perkins Dsl.

CHARLES S. SNYDER INC.

RD3
Tamaqua, PA 18252
Phone: 717-386-5945



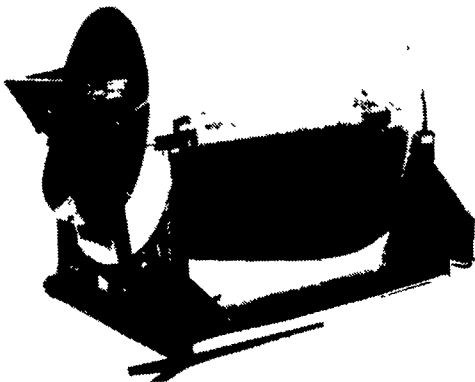
FEBRUARY SPECIAL
All Oak Bale Wagon Racks
18'L - 9 1/2' W - 7 1/2' H painted
8 ton 86" wide track gear
Adj. tong 11-L tires and tubes
Complete field ready. **\$1,255**
18'L - 8'W - 7 1/2' H Painted **\$535**
without Paint **\$495**
16'L - 8'W - 7' H Painted **\$435**
without Paint **\$400**
16' Oak Wagon Bed, Painted **\$170**
20' Green Chop Feeding Rack **\$460**
8 Ton Gear, Used Tires/Tubes **\$475**

Ivan Z. Hoover

Route 2, Box 13
Ephrata, PA 17522

717-733-6825 7 AM to 7 PM
(For Wagon Gears Only
Call 717-354-0595)

**We Have Won The Competition
Over With Our Design**



**Now Let Us Win You Over
With Our Price**

**TMR Mixers
By**



**ZIMMERMAN'S
FARM SERVICE**

Bethel, Pa.

717-933-4114

TRIPLE H EQUIPMENT

Peach Bottom, Pa.
717-548-3775 or 717-548-2094

Vermeer

- (2) 605 J Auto Weave Balers (New)
- (1) 605 E Baler (Used)
- (2) 107 No-Til Drills (New)
- (1) R8A Single Rake, Hydraulic
- Vermeer 504 Super G, Heavy Duty



NEW VICON EQUIPMENT

- (2) KM 321 Mower Conditioners, 10' 6"
- (1) KM 281 Mower Conditioner, 9' 5"
- (3) KM 241 Mower Conditioners, 7' 10"
- (1) OM 281 Mower Conditioner
- (1) OM 241 Mower Conditioner
- (2) RC 330 Tedder Rakes
- (1) RS 310 Tedder
- (1) RS 510 Tedder, 3 Pt. Hitch
- (1) RS 610 Pull Type Tedder
- (3) TS 1002 Seeder Spreaders
- (3) LS 200M Sprayer, 21' Booms
- (4) LS 400M Sprayer, 28' Booms
- (1) LS 870M Sprayer
- (3) LS 1410T Sprayer
- (3) LS 1910T Sprayer
- (1) LS 1410T Sprayer, Truck Mount

NEW H&S EQUIPMENT

- (1) Super 7+4 Forage Box, Tandem Axles
- (1) 8x18 Self Unload Bale Rack
- (1) 295 Tandem Axle Spreader

USED EQUIPMENT

- AC Forage Box
- Self Propelled Solo Mist Blower, 25 Gallon
- (2) New Holland P-Bar Rakes

**Let's Jump Into Spring With
Our Pre Inventory Sale**
10% Discount On All Parts In Stock.
Cash Only.
**Big Discounts On All Equipment
In Stock.**

NEW EQUIPMENT

Hedlund Martin
Scavenger Manure
Spreaders
MF 1010 Tractor,
4WD, 16 h.p.
MF 1020 4WD Tractor,
21 h.p.
MF 1035 4WD Tractor,
31 h.p.
MF 220 Baler
MF 224 Baler
MF 212 Bale Thrower
MF 585 8 1/2' Rake
MF 925 9' Haybine
MF 1144 Corn Head
MF 1019 54" Mid Mt.
Mower
MF 1025 5' Blade
Mitsubishi MT160,
4WD, diesel Tractor,
16 h.p.

Mitsubishi MT180,
4WD, diesel Tractor,
18 h.p.
Mitsubishi MT372,
2WD, diesel Tractor,
15 h.p. w/48" Mid Mt.
Mower
Vicon Fertilizer
Spreaders
Lamco Wooden
Trailers
Bush Hog Mowers
Woods Mowers
Woods Blades
Husky Chain Saws
Pequea Hay Tedders
Pequea Woodsman
Saw
Pequea Running Gear
Hardi Sprayers

USED EQUIPMENT

MF 165 gas tractor
MF 285 Tractor
MF 124 Baler
MF 1014 Loader w/48"
bucket
MF 2, 3 & 4 row corn
heads
MF 13' grain head
IH 666 Tractor
Hardy TR500 Sprayer
w/45' boom

Hardy TR500 Sprayer
w/42' boom
3 pt. 5' Seeder
JD Grain Drill, single
disc, 13 run
AC Gleaner G Combine
w/13' grain head, 4 & 6
row corn head
1977 MF 750 Combine
1977 MF 760 Combine

Low Financing Available

Radio Dispatched Service
Renting skid steer loaders.
We service all makes of equipment

ANNUAL CONSIGNMENT SALE
MARCH 7th
Call For Details!

ABRACZINSKAS
Farm Equipment, Inc.

RD1, Catawissa, PA.

717-356-2323

(1 mile south on Route 42
on top of the hill)



MASSEY-FERGUSON
Where farmers' ideas take root.

FORRESTER FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201

Phone: 717-263-0705
Sales - Parts - Service

Ford 8N	Ford 8200, 4WD w/cab
(2) Ford 2000	Ford TW20 cab & air
Ford 2000 Gas w/front blade	JD 1630
Ford 2910	(4) JD 2130
(2) Ford 3000	JD 3130
Ford 3000 Gas	(2) JD 4240, 2WD
Ford 3600, 1981 w/PS	(2) JD 4240 4WD, cab & air
Ford 3600, 1981, low hrs	JD 4430, fender tractor
Ford 3910	JD 450 crawler loader good
Ford 4000 1966	Farmall H
Ford 4000 SU, Gas	MF 285
Ford 4100	MF 1080
(2) Ford 5000	Universal 550, 4WD
Ford 6600, 4WD	T020 Ferguson
Ford 6610	225 Timber Jack
Ford 7000	
Ford 7600 w/DP	
Ford 7700 w/cab & SOLD	

We also have a large inventory of tractors at our other location at 4530 Olde Scotland Rd., 1/4 mile off Exit 8 on 696 North.

1/4 Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30-5:00 Mon.-Fri.
8:30 - 12:00 Saturdays

BHM FARM EQUIPMENT, INC

Annville, PA

717-867-2211



NEW EQUIPMENT

NH 555 D. Skid Loader
NH 785 D. Skid Loader
NH 307 Slurry Spreader
NH 514 Manure Spreader
NH 304 Slurry Spreader
NH 900 Forage Harvester

USED EQUIPMENT

NH 276 Baler & Thrower
NH #30 Blower
(2) NH 256 Hay rake w/Rubber Teeth
NH 791 Manure Spreader
NH 1495 SP Haybine w/Hydrostatic
NH 479 Hay **SOLD**
NH 354 Grinder Mixer



Tanaka Chain Saws & Weed Cutters

NEW EQUIPMENT

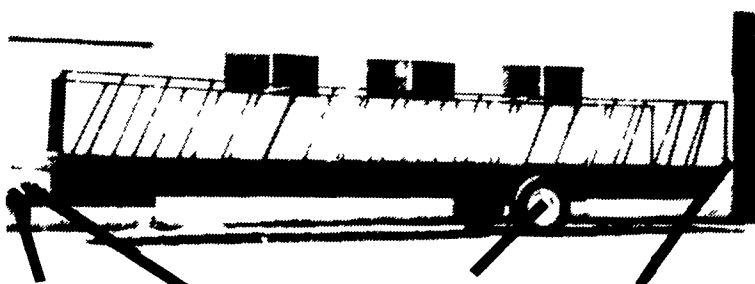
Deutz Allis 6275, 2 WD w/ROPS
AC 1200, 16 1/2' Field Cultivator \$2,450
Deutz Allis 6265 w/Cab
Deutz Allis 6070, 2 WD
Deutz Allis 6080, 2 WD

USED EQUIPMENT

IH 915 Combine
w/763 Corn Head &
810 Grain Header,
\$8,500

1976 Gleaner F
Combine w/430 C.H.
& 13' Grain Plat-
form,
Excellent Condition

ALL PURPOSE FEED TRAILER All Metal Construction



Hitch
Slide away
hitch to
prevent
cattle
from injury

Jack
Fold up
bulldog
for easy
hookups

Bearings
Tapered roller
bearings for
long lasting
& easy towing

Reflectors
SMV sign for
safe towing
on highways

Length 24' & 30' + hitch
Cattle can eat out of all 4 sides
For feeding in pasture or barnyard
Suitable for feeding cows, heifers, steers etc
Ideal for feeding from bulk silo or Ag Bag
Easy to tow behind pickup or tractor

Priced At
24'- **\$695**
30'- **\$825**

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USED BELTING MATERIAL RUBBER MATS FOR

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New and Used Parts For MM
Oliver, NH and older JD

1850 Oliver w/Duals, 445 4WD Long
1610 White Loader
275 NH Baler
707 NH Harvester
'65 IH 1600, 4WD Wrecker

**Center Moreland Garage
& Equip.**

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USED TRACTORS

AC 7040, cab & air, power shift; 7030, cab & air; 6080; 6060 4WD; 5040 w/full hyd. front end loader; 190XT; 190XT w/cab; 175 diesel; 170 Gas w/cab; 160; D17; D15; G w/hydr. & cultivator; B; WD 45; 200 w/Cab; AC 6070 4WD.

JD 3010 diesel; 2240; 1520 gas, WF; 3010 gas, NF; Used cab for JD 10 & 20 series tractors, also 5010; JD 730D, NF.

IHC 656 Hydro; 544; 424 w/hydr. dump loader; 230; 100; Super A, with equipment; Super H, NF; Cub; Cub low boy w/5' Woods rotary mower; Cub low boy w/Mott Hammer knife mower; Cub w/cultivator; Farmall 460 Gas, Farmall M; Farmall H w/mower & snow plow.

FORD: 7600 diesel, high clearance; 6600; 5000; 4100 Diesel w/loader; 4000 SU Diesel; 3550 w/loader; 600; and 8 N's; 820 gas w/loader; 2000 w/Belly lawn mower; 4000 w/front end loader.

KUBOTA: 7500 4WD demonstrator; 6000 4WD w/sickle bar mower; L 225 w/cab.

MF: 285; 265 diesel; 180; 175 diesel; 65; 40; Ferguson 30 w/loader; 40; Ferguson TO35 w/loader.

SNOW EQUIPMENT

75 Assorted snow plows; Valk 11' Snow Plow; Gledhill 10' Snow Plow; 3 pt., fast hitch, & snap coupler rear scraper blades; new tire chains - car, truck & trailer; some used tractor tire chains; new & used 3 pt. snow blowers & walk behind snow blowers; 8' snow blower w/self contained engine; New & used 3 pt. hitch snow blowers.

INDUSTRIAL

TRACTOR LOADER BACKHOES - IHC 3414; Ford 4000; AC 715-B; JD 310-A; AC 715D; AC 655; CRAWLER LOADER - AC H3 Crawler w/angle blade. TRACTORS WITH LOADER, 3 PT. HITCH & PTO - MF 40, MF 2200. SKID STEER LOADER - Gehl 4500, like new, 300 hrs.; Bobcat 610 gas, Bobcat 611 Deutz diesel. LOG SKIDDER - (2) JD 440 series A; MISC.- JD 9300 backhoe. 1 ton paving roller. 1969 Chevy Dump Truck; IH 1800 tandem dump truck; 1979 Louisville Ford low wheel base tandem & Cummins diesel; IHC F2010-A tandem long wheel base, needs engine work; IH T6 Crawler, very good under carriage; AC 640 ¾ yard articulated payloader; Farmi 410 3 pt. skidding winch; IH 2410 B tractor loader. FORKLIFTS- AC 840; IHC 560; Ford; MF. DOZERS- Case 350-B Dozer; Case 350-D Dozer & Case 350-D Dozer w/forklift; JD 350C dozer 6 way blade & winch.

MANURE EQUIPMENT

NEW

Starline Tank Spreaders; Hedlund Martin liquid manure pumps & tanks in stock for immediate delivery; NI 360, 362, & 364 spreaders.

USED

Hedlund Martin 1254 Spreader; NH 367 tank spreader; Hedlund Martin 1257 Scavenger Spreader; IHC 550 Spreader.

Spreaders: NH 516T Spreader; NH 329, 512, NI 12, 3 beater, NI 245, 375 bu. mtd. on Ford truck; NI 244 & 245 tandem manure spreaders w/hyd. tailgates.

Clay vacuum honey wagon; injectors available, like new.

2100 gal. liquid spreader w/knife injector.

NI Basin Pump.

Patz 3000 gallon liquid tanker

Better Bilt 1500 gallon liquid tanker

Better Bilt PTO liquid manure pump

Used tank type spreaders, 4 used PTO and ground drive conventional spreaders

Better Built 8' Manure Pit Pump, very good cond.

Badger 3000 gal. tandem spreader w/injectors.

MISCELLANEOUS

USED

Taylor 16 tooth trailer chisel plow; 4 NI 323 1R corn pickers, priced from \$1995; 5 NI 324 & 325 2R wide or narrow row machine, with 12 row husking beds or sheller units. JD 2600 4-btm. spring reset plow, variable width; JD 8350 21 dbl. disc grain drill, like new, has small grain, fertilizer & grass seed compartment; Vicon 3 pt. hitch, power harrow, like new; NH 48' hay & grain elevator; Vermeer 30" tree spade, like new; IHC 510 Grain Drill 13 double disc has grass seed & fertilizer like new, Shaver post pounder, 3 pt. hitch York rakes Servis 10 ft. 2 spindle trailer rotary mower, Bush Hog 5 & 6 ft. 3 pt. rotary mowers, Howard heavy duty 5 & 6 ft. 3 pt. rototillers, Small Davis backhoe for skid steer or 3 pt. mounting, IHC fast hitch carry all platform, Mott Hammer knife mower for Farmall Cub, 3 pt. hitch Mott Hammer knife mower, 20 misc. hydr. front end loaders for various models and make tractors - call for your needs, AC 100 HP D power unit with P.T.O. and clutch - choice of three. 12' Dump truck body; Steinhurst 400 gal. bulk milk tank; United Farm Tools- 1R corn picker, low acreage; Brillion 7 shank & Glencoe 5 shank soil savers, both like new; Dunham Lehr 12' cultipacker w/hyd. transport; McKee 3 pt. corn hog; Norse 5000 3 pt. winch.

NEW

Full line of Kubota tractors, loaders, mowers and tillers, low interest on all models. Deutz-Allis lawn and garden tractors. Deutz-Allis farm tractors from 40 to 110 horse power in stock. Blades, loaders, backhoes, trailers and carts. One NI cornpicker, 2 row narrow head w/12 roll husking bed or sheller; Uebler 810-E, 808-E, 790 Feed Carts.

Now the distributor for Asplundh Wood Chippers in NE Penna. Parts, Service & Machines in Stock.

THIS WEEK'S SPECIALS

Cherokee 3 PTH

Snow Blower

\$685

Your Choice

\$1895

Heavy Duty 6' Snow Blower, 3 PTH Mounted, PTO Driven	or Heavy Duty 8' Snow Blower, 3 PTH, Engine Driven
--	--

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New Idea, CDS Industrial formerly
AC light industrial



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Repl. Engines In Stock To Fit Most Skid Loaders

- V465D, 65.9 HP..... \$2,900
- VG4D, 35 HP..... As Low As \$1,725
- VH4D 30 HP..... As Low As \$1,450
- W21230 25 HP..... As Low As \$1,200

- Wisconsin Robin • Honda • Kawasaki
- Kohler • Tecumseh • Briggs & Stratton
- Robin & Honda Industrial Generators

Authorized Service Center

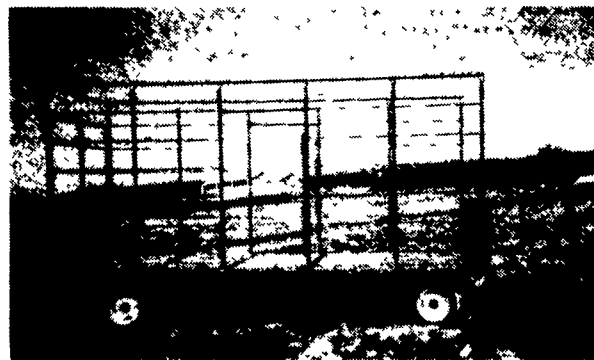
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- * Standard sizes: 8x18, 9x18, 8x20, 9x20

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St. Thomas, PA 17252

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RES. 717-369-3019

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Saving Place

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In Next Week's Paper

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- Movies All Morning
- Inside Equipment Display
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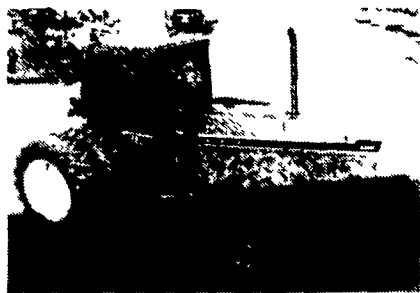
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Better Service

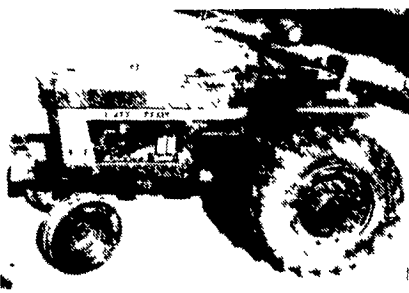
(717) 768-8231

OPEN HOUSE USED EQUIPMENT SALE**MON Y**

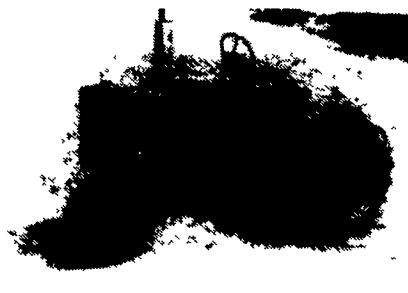
Plan Your Parts Purchases During
OPEN HOUSE WEEK, FEBRUARY 9th - 14th

USED TRACTORS

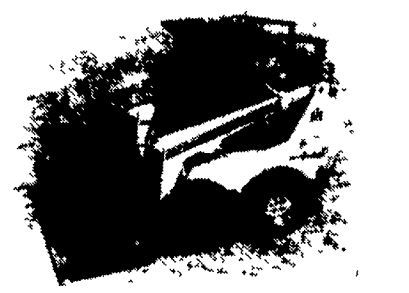
IH 6388 2+2 Tractor, '81 AC, 540 & 1000 PTO, 18.4x38 Duals, 4 Hyd. Outlets, 1455 Hours (W1681)



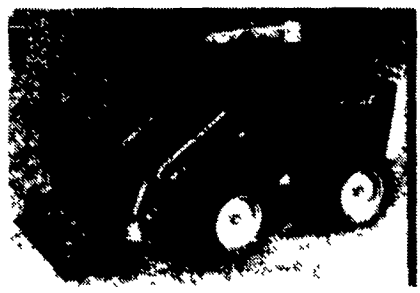
IH 966 Diesel, Gear, TA, 18.4x38 Tires, 1000 & 540 PTO (W1439)



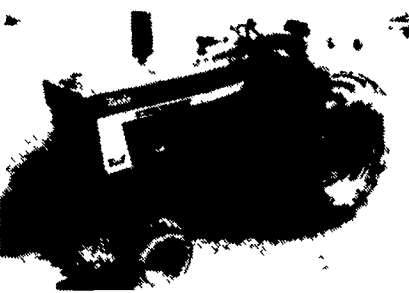
IH B Tractor, Gas, Gear, 9.5x24 Tires (W1750)



IH 4140 Gas Skid Loader w/60" Bucket (W1562)



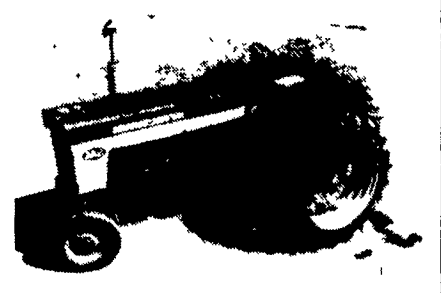
Versatile 160 4 WD, 100 HP Diesel Engine, Hydro Transmission, Loader, 3 Point Hitch, PTO (W1364)



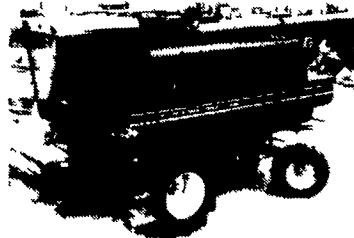
IH F1066, Diesel, Gear, T/A, 20.8x38, 540 & 1000 PTO (W1715)



Ford 3400 D Industrial Loader



IH F460 Diesel Gear, 2 Point Hitch, 15.5x38 Tires, 540 RPM PTO (W1446)

USED COMBINES

IH 1480 Axial Flow w/Mudhog AWD, 14.9x24, 67.00x34.00 - 30 Tires, A/C, Monitor, Electro-Hydraulic Controls, Excellent Condition (U2034)



John Deere 6620 Sidehill, Diesel, Hydro, 1200 Hrs. (U2121)



MF 510 Diesel, Gear, 18.4x26 Tires, AC (U1992)



JD 7700 w/Straw Chopper, 24.5x32 Tires, Gear w/Variable Speed (U1361)



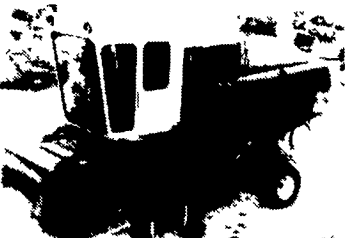
IH 203 Combine, Gas, Gear, Cab, 2 Row Cornhead (U1205)



IH 715 Diesel, Hydro, 1976, 23.1x26 Tires, 1224 Hrs., A/C (U2113)



MF 510 Diesel, Gear, A/C, Grainsaver, 18.4x26 Tires (U1995)



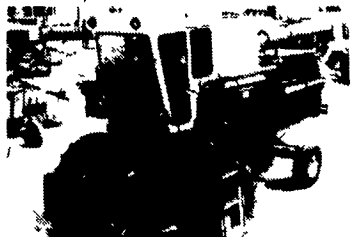
IH 715D Hydro, 18.4x26, Monitor (U7818)



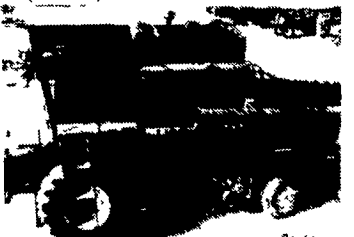
IH 715 Diesel, Hydro, 1976, 1100 Hrs., 23.1x26 Tires (U1961)



Used Bean Harvester, Chisolm-Ryder, IH 504 Tractor



IH 815 Hydro Combine, Diesel (U1844)



John Deere 4400 Diesel, 18.4x26, A/C, Straw Chopper (U9806)



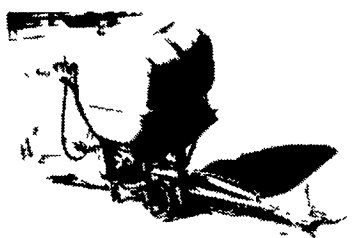
New Idea Uni-Harvester, Model 705 Tractor, Diesel Model 767 Super-Chopper, Model 768 Wide/Narrow, 3 Row Head (U1285)



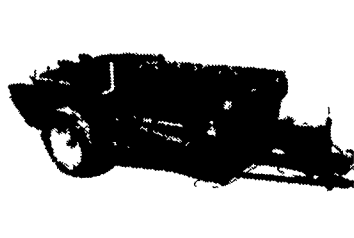
New Idea 717 Uni-System Combine w/738 Cornhead (U1779)



Gleaner G, Gear, Cab, Diesel, w/4 Row Cornhead, 13' Platform (U1369)

OTHER USED EQUIPMENT

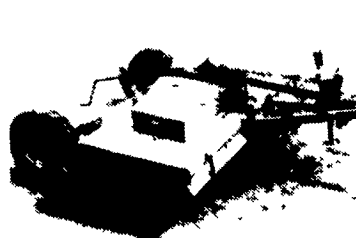
Walsh Sprayer, 3 Pt., 200 Gal. 24' Boom (V9889)



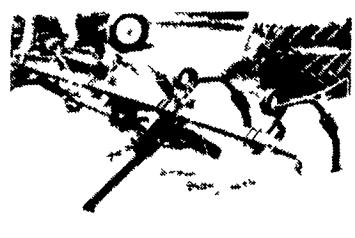
IH 540 Manure Spreader, 160 Bushel, Hydraulic Endgate, 8.25x20 Tires (V9769)



John Deere 7' Cycle Bar Mower, Belt Drive (U2040)



New Woods Model C-114 Mower 9'6" Cut, Twin Blade (R9386)



John Blue Anhydrous Tool Bar, 5 Knife, 38" (V9919)

case
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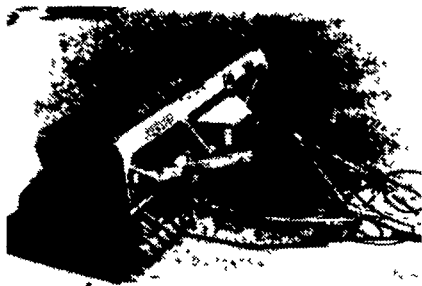
Radio Co

ON Y, FEBRUARY 2nd THRU SATURDAY, FEBRUARY 14th

FARMER'S MACHINERY SHOW, THURSDAY, FEBRUARY 12th

Featuring • Planned Program • Movies All Morning • Inside Equipment Display • Door Prizes • Lunch At Noon • Factory Reps

USED PLANTERS & DRILLS



Haybuster, 1206 No-Till, 12', 6" Spacing, Fertilizer (V1462)



IH 620 Grain Press Drill, 21 Openers, 7" Spacing, (Ideal for Soybeans & Alfalfa) (V9302)



Deere 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels (U9922)



IH #10 7x16 Grain Drill, Fert. Seed Box, Grass Seed Attach. (V1752)



Great Plains 14', 23x7" Drill, Acre Meter, 3 pt. w/Pull Hitch, Depth Gauge Wheels, "V" Press Wheels (V1726)

**HOOBER
USED EQUIPMENT
IS TRADED
LOCALLY...**

SO IT'S DEPENDABLE



AC 600 6 Row No-Till Planter w/Gandy Appl., Cyl. & Hoses, Dry Fert., Monitor (V9376)



IH 800 Cyclo Planter, 6 Row, 30" Insecticide Monitor (V2050)

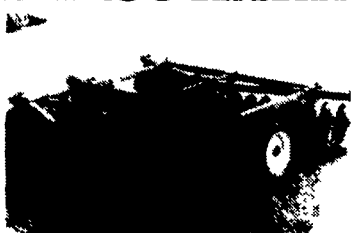
USED DISC HARROWS



Athens 131 Flex-Frame Disc, 14', 9 1/2" Spacing (T1556)



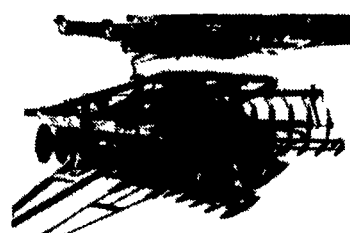
John Deere 330 Disc, 20' Flexwing Tandem, Blades - 25" Front, 22" Rear (T1950)



Colby 12' Disc, Front Blades Notched, Spcg. 7" Frt. & 7 1/2" RR, Blades 17" Frt., 18" RR (T1769)



Bush Hog 12' Disc, 9" Spacing (T9847)



JD 111 Disc, 10', 9" Spacing (T1602)



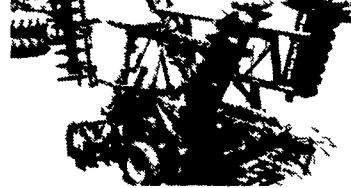
Deere 110 Disc, 10', 9" Spacing (T8034)



Brillion 12' Cultimulcher (T2155)



Hutchmaster 12' Disc, "C"-Arm Bearing Hangers, 9" Spacing (T2192)



Rhino RB90 Disc 24', Size 20" Frt., 21" RR, 9" Spacing (T1714)



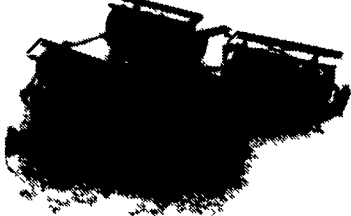
White 252 Disk, 10' (T2061)



IH 501 14' Tandem Disc, Spcg. 10 1/2" & 10" Size Frt. 19" & RR 22", Cyl. & Hoses (T1824)



IH 470 18' Disc, Rear Mulchers, Tandem Spacing, 9" Frt. 7 1/2" RR, Size 16 1/2" Frt. 17 1/2" RR, Cyl. & Hoses (T1699)



IH 7' 28 Blade Disc, 6 1/2" Spc., Size 15" Frt. & 16" RR (T1676)



Athens 83 10' Disc, Size 19" Frt., 21" RR, Cyl. & Hoses (T1604)



JD TO220 18' Flexwing, Tandem, Spacing 9" Frt. & 9" RR, Size 19 1/2" Frt. & 20 1/2" RR (T1694)

USED PLOWS



White Model 548 Plow, 6F, 18" On-Land Hitch, Automatic Reset (9927)



IH, 700 6 Bottom Plow, Auto. Reset, 16" (T1459)



Landoll 15 Shank Slicer Chisel Plow (T1960)



Glencoe Soil Saver, 9 Shank (2090)



IH 55 Chisel, 3 pt., 9 Shank (T1434)

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USED TRACTORS

JD 4010
JD 3020 Side Console
Ford 6450/1 Front
SOLD
Ford 5000 Gas, 8 Sp.
Ford 7700 w/cab & Air
Ford 3600 Dsl. 8 Sp.
w/P. Steering
Ford 3600 Gas, 8 Sp.
P. Steering
Ford 4000 SU, Gas,
Very Nice
Ford 601, 5 spd.,
power steering
Ford 7700 4WD w/Cab
& Air
Ford 7700 4WD w/Cab
& Air, w/Ford
777F Loader
AC WD45
Oliver 880, power
steering
Oliver OC4 Crawler
Loader, very nice
JD 158 Loader, nice

USED EQUIPMENT

JD 3800 w/Both
Heads
JD 3960 w/Both
Heads
NH 770 w/Both Heads
NH 707 3 pt. chopper
NH 890 w/Both Heads
NH 718 w/Both Heads
NH **SOLD** 1 row
Gehl CB600 w/2 row
NH 845 small round
baler
Gehl 1400 Small Round
Baler, Very Nice
NH 276 baler
w/thrower
NI 325 Super Sheller
NI 325, 2 RN, 12 Roll
Bed
Oliver 4-16 ST plow
Oliver 4-16 AR plow
White 5x18 AR Plow
White 508, 4-16 Plow
Gehl 710 forage box
NI 213 Manure
Spreader
w/Endgate
NH 474 Haybine
NH 477, 7' Haybine
NH 256 Rake w/Dolly
Wheel
NH 258 Rake
Gehl 910 forage box
Call Norm or Mark at

Norm Shores & Son
Tractor
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CECIL DAIRY SERVICE SPECIALS

2250 gal. Badger vacuum manure tank (used)
16' Badger forage box (like new but used)
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(4) Used DV300 milker units
(2) #75 vacuum pump w/2HP motors
78 vacuum pump w/7½HP motor
DeLaval feed cart for stanchion barn
DeLaval computer feeder
New Badger 3,000 gal. manure tank (Reasonable)
(8) used milker units (DeLaval) real cheap
New DeLaval auto cord milker removers
(8) Delatron milk recorders (used at Harrisburg Farm Show-Special Discount)
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USED EQUIPMENT

TRACTORS

White 2-70 Tractor
WD Allis Chalmers

HAY TOOLS

NH 273 Baler
w/Thrower
NH 276 Baler
w/Thrower
NH 320 Baler w/Thrower
NH 469 Haybine
NH 479 Haybine
Owatanna 217 Haybine,
9 Ft.

GRINDER MIXERS

NH 353
NH 354

SPRAYERS

Walsh 300 Gal.
Cent. Tractor 300 Gal.

PLANTING & TILLAGE

Brillion 14' Transport
Harrow
IHC 400 4-Row, No Til
Case 7' Soil Controller
Oliver Superior No. 26
Grain Drill
JD 210 12 ft. Disk
Crown Stone Picker,
4½ Ft. Wide, Hyd.
Driven

SPREADERS

NH 676 Spreader
w/Hyd. Endgate
JD 465 Tank
Spreader
NI 214, 3 Beater

LAWN & GARDEN

White 1610 w/42" Mower

NEW!

MILLER DISK

10 Ft., 5 inch
with Leveling Cylinder **\$6,350**

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Several 480E and 580 Super E Backhoes (2WD and 4WD). Contact Us For Special Deals.

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Case 800
SAME Leopard 85,
4WD, with Cab Enclosure
Kubota L-1500 & L-2000, Both
Completely Reconditioned

BACKHOES

(2) Case 580C Backhoes w/Roll
Frame

SPREADERS

Farmhand Hawk Bilt 357

LAWN & GARDEN

IH Cub in excellent condition with
1 bottom plow, set of
cultivators & snow plow.
New Rubber
Cub Cadet 125
Case 444 w/44" Deck & Snow Blade
Case 220 w/38" Mower
And Snow Blower
Case 646 w/Loader—Exc. Cond.
Gravely 812 w/Mower, Rototiller,
Snow Blower & Blade

SKID LOADERS

Case 1845B Skid Loader
Ex. Cond., 1984 Model
Gehl 4500 & 4600
Mighty Mac Skid Loader
IH 4140 Skid Loader
IH 3300 Skid Loader
Case 1830 Skid Loader
Owatanna 1700

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NH 355 grinder mixer
NH 451 mower
NH 411 discbine
NH 488 haybine
NH 489 haybine
NH 442 disc mower
NH 790 harvester w/pickup
NH 256 rake
NH 258 rake
NH L455 skid loader
NH 514 spreader
NH 520 spreader
NH 680 spreader
NH 302 slurry spreader
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6 used balers
7 haybines

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Used AC 5030 w/Loader
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IH 400 Cyclo 4 Row Planter w/No-Tills
Yetter
IH 400 Cyclo 6 Row Planter
Cagle 750 Gal. Tandem Axle Field
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Corn Head
MF 205 Combine w/240 Corn Head

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AND TEDDERS
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MR. FARMER:

Do you ever have the "pits" of hauling manure?
We have the answer to every spreading need.

a. Solid

If you handle mostly solid manure, the Gehl 100 Series box spreader should be your choice. It's built to give you more years of service. A specially constructed floor with Clad Tuff™ protection prevents the apron from freezing to the floor. The Ex-Ten™ A steel frame has more strength than ordinary steel. And, the copper-bearing steel sides form a self-healing rust scale that prevents pitting. Six sizes are available with load capacities from 135 up to 425 bushels heaped (243 cu ft).

b. Semi-Solid

The Gehl 500 Series gets semi-solid manure onto your fields fast and economically. Loading is easy from barn cleaner or bucket with the efficient, open top design. An internal chopper-type auger blends manure and forces it to the oversized, heavy-duty rear fan for wide, even discharge patterns. Engineered to handle high volumes, it can spread up to 1500 gallons of semi solid manure in 2 5 minutes with uniform patterns up to 50 feet.

c. Liquid

If you handle only liquid manure, a Gehl 700 Series liquid tanker should be your choice. Featuring an internal auger, it spreads evenly uphill or down. Plus two discharge outlets let you choose either high application rates and fast unloading or moderate application rates. And, a fill indicator helps prevent overflow during loading.

d. All of the above

The one spreader for a two spreader farm, a Gehl 300 Series spreader lets you spread liquids, semi solids, pen pack, even frozen manure. The patented heavy duty square tube auger makes the big difference. Turning at low RPM, it produces a unique "pulse action" that breaks up manure in the tank. Specially formed paddles rip through tough clods to deliver a steady, constant flow to the discharge. The auger can be powered up and down to chop through bridged and frozen material. Variflo discharge gives you complete application control.

For more answers about the Gehl spreader that best fits your manure management system, talk to your Gehl dealer. Or contact Gehl Company for a free manure spreader technical series buyers' guide. Gehl Company, 143 Water Street, West Bend, WI 53095.

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500 Series



700 Series



300 Series



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JD 54 Spreader w/Top Beater, good cond.
 MF 65 Tractor, Diesel, Very Clean
 Case 1570 Tractor, very good condition
 Priced below Dealer's Cost
 MF 410 Combine w/4 RW Head
 JD 4400 Combine, Dsl. Engine w/Both Heads
 Papec Harvester w/PU Head, 2R C.H., 2 R Snapper Head
 JD 7000, 6R Conservation, Loaded, Dry Fertilizer
 JD 7000, 4R Planter w/Frame Mtd. Coulters
 JD 7000 4 RN Corn Planter
 JD 1240, 4R Planter, \$750
 JD 494A Planter, \$500
 IH 400 Cyclo 6R Planter w/Liq. Fert., Insect. Attach., Hyd. Markers, Monitor \$3,000
 IH 400 Cyclo 6R Planter w/Dry Fert., Insect. Attach., Hyd. Markers, Monitor, Hydraulic Driven, \$3,000
 Case 140 spreader, top beater, good cond.
 JD 3B Hydraulic Reset Plow
 JD AW Disk
 JD 520 Sprayer
 JD 213 Grain Head

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Engine Parts

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475 Disc, 13'10" w/ spring bearing hangers
 2096 Tractor w/radials
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 475 Disc, 13'10" w/spring cushion hangers
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USED EQUIPMENT

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 IH 2350 Mount-A-Matic w/2 Buckets, \$3700
 IH 303 Combine w/Both Heads
 JD 336 Baler
 NH 354 Grinder Mixer
 IH 1150 Grinder Mixer
 Kubota 6200 E w/60" Belly Mower

NEW HOLLAND

L250 Skid Loader
 855 Round Baler
 411 Discbine
 520 Spreader
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 311 Baler

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 JD 4630 w/duals, PS, engine overhauled \$17,000
 JD 2940, 1275 hrs. \$15,000
 JD A w/227 Picker \$1,400
 IH 766 Coming In
 IH 1486 w/Duals \$15,900
 IHC w/Equip. \$1,900
 IH 350 w/Loader \$1,700
 Ford 3000, reconditioned \$5,000
 Ford 6000 \$2,900
 MF 1105 w/Cab \$12,500
 MF 165 Dsl. \$4,900
 IH 240 w/Loader Coming In
 AC B w/Attachments \$1,200
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 AC D14 \$2,500
 Long 450 Dsl. \$4,500

COMBINES

JD 6620 Side Hill w/643 C.H. & 215 Flex, Reconditioned \$53,000
 JD 6620 Side Hill \$37,000
 JD 444 Corn Head \$4,500
 JD 443 Corn Head \$5,500
 JD 215 Flex Head \$4,500
 JD 215 Rigid Head \$3,500

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 JD 4 Row Cons. Liquid \$5,400
 JD 4R Cons. w/Dry Fert. \$5,900
 (4) JD 6R Cons. Starting at \$7,500
 IH 400, 4R. \$1,200

TILLAGE

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 JD 1600 Pull Type 10' Chisel Plow \$1,900
 IH 370 12' Disk \$1,800
 IH 11' Pull Type Chisel Plow \$700
 Assortment of JD & Ford 2-3 Bottom Plows

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 JD 14T Baler \$1,200
 Gehl 1500 Round Baler \$3,500
 NH 851 Round Baler \$4,500
 NH 276 Baler \$2,500
 JD 750 Grinder Mixer \$3,500
 JD 894 Rake \$500
 NH 469 Haybine \$1,000
 IH 720 Harvester w/2 Heads \$3,500
 Ford Sickle Mower \$400
 (2) JD 965 Wagons w/Hay Racks \$1,200 each
 NH 130 Bu Manure Spreader Coming In

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Halifax, PA 17032

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FARMI MODEL	LINE PULL	TRACTOR SIZE
JL300	6600 LBS	17-30 HP
JL400	8820 LBS	20-40 HP
JL500	11025 LBS.	40-60 HP
JL600	13230 LBS.	60-150 HP
JL60+	17640 LBS.	100-200 HP

The winches fit any 3 point hitch. Several logs can be winched in at one time. The cable is locked when the logs have been winched to the tractor. The 3 point hitch is raised to lift the logs off the ground when the logs are transported to the landing.

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Free delivery on all winches. Farmi Winches and tire chains are sold and serviced by

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 Haines 246 Seed Cutter
 (2) JD 2800, 7B Plows
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 IH 720, 5B Plow
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 Case 16' Offset Disk
 IH 24' Offset Disk
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 (2) JD Cultivators
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 Brillion 20' Cultimulcher
 Ford F800, 16' Potato Body
 JD 335 Disk, 21'

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AC 220 tractor & 6 btm. hyd. auto reset plow
 NI Uni System combine, 701, cab, grain & corn head
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 JD 105 combine, 2 heads
 JD 55 combine, 2 heads
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MF 2745
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 MF 1155 w/cab & air
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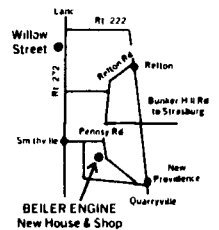
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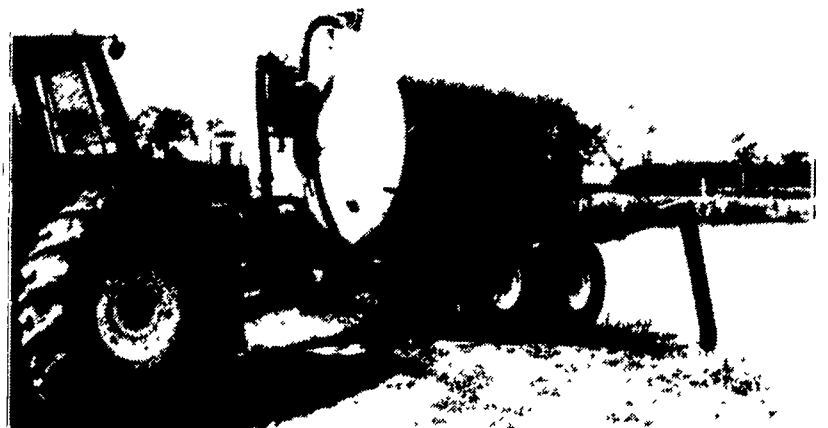
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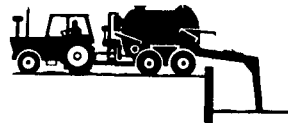
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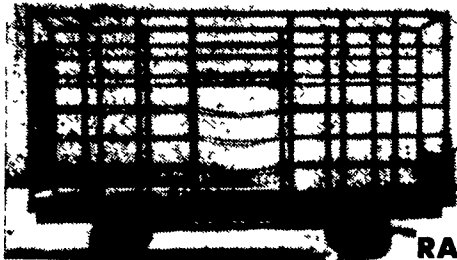
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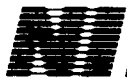
Stock No.	Self Propelled Haybines	Sale Price
UB0142	NH 1495 (Diesel) Hydr Dr w/Cab & Air	\$15,995 00
UB0090	NH 1495 (Gas) Planetary Dr w/Partial Cab	10,900 00
UB0083	NH 1469 (Ford Gas) 9' Cut w/Partial Cab	4,495 00
	JD 830 (Gas) 12' Cut No Cab	1,995 00
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	NH 1496 Haybine - 1 year old	
UB0034	NH 495 12' Haybine w/Lat Transport	3,995 00
UB0110	NH 489 9' Haybine (As is)	2,995 00
	NH 489 Haybine	
UB0114	NH 479 9' Haybine	2,495 00
UB0134	NH 479 9' Haybine	2,495 00
UB0140	NH 479 9' Haybine (As is)	1,895 00
UB0067	Hesston 1010 Hydro-Swing 10'	2,295 00
UB0035	Hesston PT 10 9' Haybine	1,495 00
	Balers	
UB0118	NH 855 Round Baler w/Auto Wrap	8,495 00
UB0019	NH 320 Baler w/#70 Thrower	5,895 00
UB0131	NH 320 Baler w/#70 Thrower	5,495 00
	NH #70 Thrower (Fits 320 Baler)	1,295 00
UB0139	NH 276 Baler w/#58 Thrower (As is)	2,695 00
UB0127	NH 282 Baler w/#62 Thrower (As is)	1,995 00
	NH 326 Baler	
	NH 1037 Bale Wagon - 2 years old	
	Rakes	
UB0132	Vicon 3 Pt 4 Whl Rake	395 00
	Uni Equipment	
UA0053	705 Uni Tractor w/767 Super Chopper, 766 Hay Pickup & 763 3 Row Head	11,900 00
	NI 705 Uni-Tractor	
UA0012	760 Uni Harvester (As is)	395 00
	2- 766 Uni Hay Pickup (As is)	495 00
	2- 762 Uni 2 Row Head (38") As is	595 00
UB0055	741 Feeder House (As is)	1,195 00
	Pull Type Harvester & Heads	
UB0092	NH 892 Harvester w/New Knives	5,995 00
UA0063	NH 770 Harvester	2,295 00
UB0143	NH S717 Harvester	1,295 00
UB0120	IH 830 Harvester w/Hay Pickup & 2 Row Head (30") As is	2,495 00
UB0136	IH 830 Harvester w/Hay Pickup & 2 Row Head 30" - Also Has New Knives to be Put in (As is)	2,495 00
UB0048	NH 717 Harvester (As is)	295 00
UB0093	NH 880W Hay Pickup Head	995 00
UA0040	NH 880 R-2 2 Row Corn Head (38")	795 00
UA0064	NH 717 W Hay Pickup Head	695 00
UA0065	NH 717 R-2 2 Row Corn Head (38")	695 00
UB0144	NH 717 R-2 2 Row Corn Head (38")	695 00
UB0135A	JD 2 Row Corn Head (30")	995 00
UB0135D	JD Hay Pickup Head	995 00
UB0135C	JD 1 Row Corn Head	295 00
UA0030	NH 741 1 Row Corn Head	295 00
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UA0026	Bear Cat 11' Packer	495 00
UA0050	IH 56 4 Row Corn Planter (38")	1,295 00
UA0052	IH 55 4 Row Corn Planter (38")	1,195 00
UA0059	MH 35 Combine	795 00
UB0106	M&W 12' Field Cultivator	1,295 00
UC0043	NH L445 Skid Loader w/Bucket & Rebuilt Engine (30 HP)	7,495 00
	IH 2A Hay Conditioner	100 00
UC0044	NI 213 Manure Spreader w/ 3 Beater Reconditioned	1 895 00
UC0039	NI 213 Manure Spreader w/Single Beater w/Hyd Endgate	1,595 00
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Ford 1100, 4 WD, 250 Hours, \$3,500
JD 7020; JD 4430; JD 8630
JD 4010; JD 3010
IH 1586, \$12,500, cab, duals
IH 4586, \$11,500, 4 WD, duals
IH 4786, \$22,500, 4 WD, duals

COMBINES

JD 8820, 4 WD, 1981, \$55,000, 222 flex
JD 8820, 4 WD, 1980, \$47,000, 220 flex
JD 8820, 4 WD, 1979, \$40,000, 222 flex
JD 7720, 4 WD, 1983, \$55,000, 220 flex
AC G, diesel, both heads, 1971, \$5,500
MF 750 1976, hydro, 18', \$10,000
MF 750 1976, hydro, \$6,000
Set of tracks to fit a JD 6600 Combine, \$2,500

IMPLEMENTS

New Holland 520 spreader, loaded, used 2 days, \$4,900
IH 5 shank V-ripper, gauge wheels, \$1,700
Miland 10'6" offset disk, like new, \$3,900
2 JD 1450, 6-16" plows, \$2,500 each
JD 245, 7-16" on land, \$2,500
A-C 8-16" plow on land, \$2,500
IH 490, 30' disk, good, \$7,500

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Martinsburg, PA

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JD 2630, Roll Guard ***7,500**
JD 2640 w/145 Loader ***9,500**
JD 2840, low hrs. ***8,750**
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JD 4430, cab, air ***11,000**
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JD 4520, power shift ***7,000**
JD 4320 ***8,000**
JD 4020, side console, power shift ***8,500**
JD 4020, 68 model ***6,000**
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JD 3010 ***4,500**
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JD 2510, gas. ***3,500**
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MM 1355. ***5,500**
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Ford CL40 Skid Loader, excellent ***3,500**
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AC 7000 ***7,500**
IH 856, new torque, excellent. . ***7,500**
MF 1100, Cab, 72 model ***6,500**
MF 1135 ***7,500**

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TRACTORS

JD 755, 2WD
JD 655, 2WD & 4WD
JD 855, 2WD
JD 1250, 2WD
JD 2150, 2WD
JD 2550 2WD
JD 3150 MFWD, SG
JD 4250 MFWD, SG, FS

PLANTING EQUIPMENT

JD 7000 Cons. Pltr. 6R
JD 71 Flex Planters

TILLAGE EQUIPMENT

JD 2800 5B Plow
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow
JD 712 Mulch Tiller, 13'

HAY TOOLS

JD 1219 Mower Conditioner
JD 327 & 347 W Baler
NH 316 Baler
JD 660, 670 Rakes

OTHER EQUIPMENT

JD 1065, 1075 & 1275 Wagon
JD 716A FG. Wagon
USED EQUIPMENT
White 2-105 Tractor
IH 966
IH 706
AC 200 w/Cab
Long 445 Tractor
JD 16' Grain Platform
Fox 3000 Fg. Harv
JD 346T Baler w/Thrower
JD 336 Baler w/Thrower
NH 310 Baler w/Thrower
NH 268 Baler w/Thrower
NH 311 Baler w/Thrower
JD 4400 G Combine
JD 444 Corn Head
Ford Sickle Bar Mower
Kuhn 6' Sickle Bar Mower

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Quonset Buildings

COMBINES

JD 1975, 7700 w/215 Flex Head
JD 6620 w/643 Corn Head & 216 Flex Platform
JD 7700 Hydro, Rotary Screen, 15 ft. Platform, 1971
JD 7720, 1400 hrs.
JD 15' Rigid Platform
JD 643 CH 6 R Narrow Old Style
JD 216 Flex Head

TRACTORS

JD 950 w/Loader
IH Farmall H w/Loader
Deutz DX110, Cab, Air, Sharp, 1980
Ford 8N

TILLAGE

IH 18 1/2' Field Cultivator

PLANTING EQUIP.

AC 330 4 R Planter
JD 1240 4 R Plate Planter
JD 1440 4 R No-Till Planter
JD 7000, 4R
JD 7000, 8RN No-Till Liq. Fert.

MISC.

JD 6 1/2 Ft. Rear Blade
JD 346 Wire Tie Baler
IH 435 Baler
NH 488 Mower Conditioner
Woods 214 Mower

Cooper Ent., Inc.

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RD 2 Box 24A, New Ringgold, PA 17960

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7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.



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USED TRACTORS

MM G-900 MF 235 Tractor
JD A w/cultivator IH 444, Gas
JD Model B w/Cultivators IH 684, Nice
Farmall 656 Hydro IH 1066 w/Cab
Case 1270
Ford 9N

USED COMBINES

Int. 1440 Combine
Int. 715 Diesel w/4 row narrow head, nice
MF 750 w/grain head
Int. 715, late model

USED EQUIPMENT

Int. 710 5 F Auto. Reset Plow
Int. 720 5F Plow w/On Land Hitch
Int. 720 6F Plow
Int. #56 Blower
Int. 440 Baler w/Thrower
900 Badger Blower
IH 510 16x7 Comb. Grain Drill
13' 3 Pt. Chisel Plow
JD 214 Forage Box
Mengle Chopper

NEW GEHL EQUIPMENT

960 Forage Box w/roof
1540 Forage Blower

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Feeder Wagons With Self-Locking Head Gates



16', 21', 27' Lengths Available A Great Feature For Feeding Cattle In Meadows Or Feed Lots These Wagons Can Be Used For Feeding Round Bales, Square Bales, Silage & Etc.

Especially Where Ag Bags And Piles are Being Used

The Added Feature Of Having The Head Gates Makes It Easy For Quick Vet Checks, Etc.

Feeder Wagons Without The Head Gates, Have The Slant Bar Feed Thru.

Custom Built Cow Trough Dividers - Gutter Grates & Cattle Guards

Also Available - Headgates in Sections And Cattle Chutes

For More Information and Prices Contact

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215-273-3030

(Dealer Inquiries)

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Serving Customers Coast to Coast.

Complete TA assemblies for 706-1586 are priced at \$595 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag. The Dana sprag is guaranteed for 2 years against failure. Sprag kits (includes sprag gear, Dana sprag, and piston carrier) and all items for rebuilding your own TA are available to qualified persons. Ramps and carriers for the older style TA's (as in SMTA, 340, 560) are priced at \$150 each and carry a 90 day guarantee. We have all the parts needed to rebuild your TA in stock at prices that will save you money. We also have a shop available for complete TA installation. Or, you may split your own tractor and bring the center housing to us, which we can rebuild while you wait (approx 4-6 hrs). We also stock New and Rebuilt Water Pumps, Dynlife Clutches, Pressure Plates, and PTO Drive Gears. (Spline-fit into pressure plates) for most IH tractors and combines.

We are in need of TA & clutch cores for rebuilding purposes. If you have not returned your cores, please do so or call us for pickup.

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JD 5440 Forage Harvester

w/new cutter head
w/3R corn head and
grass head.

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COMBINES

JD 7720 4WD, 2400 Hrs. 216 Flex Cutter Bar, 643 C.H.

JD 7720 w/4WD, 1,830 Hrs. w/JD 220 flex cutter bar, and JD 843 corn head

JD 7700, 15' Platform 1971

JD 7700 Gear Drive, Rotary Screen, 15' Cutterbar, 1975

JD 6600, Gear Drive, 14' Cutter Bar

JD 4400, 1977, Rotary Screen
w/215 Flex Cutter Bar

TRACTORS

'75 JD 2630

'71 JD 4620, Cab, Dual, 20.8 Tires

'73 JD 4430, Cab & Air, QR Dual 18.4x38
IH 184 Low Boy w/60" Woods Mower

TILLAGE

15' Ford disc harrow w/dual whls.

JD F145, 4 btm. semi plow

Ford 4 btm. 16" mounted plow

PLANTING EQUIPMENT

JD 7000 Front Fold No-Till Coulters, Liq. Fert.

MISCELLANEOUS

JD 35 Harvester w/2 RW Head

JD Rotary Hoe 3 Pth.

Century Recycling Sprayer

Hesston Round Baler 5600

JD 336 Baler

IH 3 pt. hitch sickle bar mower

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- Case 1070
- Case 1490
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- David Brown 990 w/Loader
- David Brown 1200
- Ford Jubilee
- Farmall H w/Loader
- Farmall 460

LOADERS

- Case 1816B Skid Loader
- Case 450 Crawler Dozer
- NH L425 Skid Loader

TILLAGE

- IH 3-16 Plow, Auto. Reset
- IH 370 Disc, 10 Ft.
- Int. 2-Bot. Trailer Plow
- Case Disc Harrow 10'
- Case Field Cultivator
- Oliver 22' Disk
- Oliver Disk
- Used Cultipacker

HARVESTING EQUIPMENT

- Hesston 2000-150 Harvester
- Hesston Harvester Head-3 Row Wide
- Hesston Harvester Head-3 Row Narrow
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 315 Sheller
- NI 717 Combine
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- NH 717 Harvester
- Gehl 800 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT

- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1010 Wind-rower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI 456 Round Baler
- NI 484 Round Baler

MISCELLANEOUS

- JD 38 Ft. Elevator
- Zimmerman Elevator
- King Wise 32' Elevator
- IH 56 Blower
- Int. 56 4-Row Planter
- IH No. 10 13-Disc Drill
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 218 Spreader
- NI 224 Spreader
- NI 245 Spreader
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\$1,250

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- JD 3010 Tractor
- JD 2510
- JD 6RN 7000 Planter w/Fill Auger & No-till
- JD 6RN 7000 Planter w/Liq. Fert. & No-till
- JD 2RN & 2 RW C.H.
- JD 1209 Mower Conditioner
- JD 14T Baler
- JD 336 Baler
- JD Transport Disc
- JD 216 Fg. Wagon
- JD 66 & 6000 Blowers
- JD Drill

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- NH 273 Baler w/Thrower
- NH 2R Snapper Head for Fg. Harv.
- NH 23 & 26 Blower
- NH 329, 513 & 518 Spreaders
- NH 890 w/3RN & Pickup
- NH 880 w/2RN

- NH 1495 Gas SP Haybine
- NH 1495 Dsl. SP Haybine
- (2) NH 489 Haybines
- NH 495 Haybine

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- Bobcat 743 w/780 hrs.
- Case 1845 Dsl. Skid Loader
- Ford 4B Reset Plow
- Ford 3B Trip Back Plow
- NI 208, 213 & 214 Manure Spreaders
- White 5400 6RN w/no-till
- IH 440 Baler w/Thrower
- Fox 3000 Harvester
- Fox 6 1/2' PU Head
- NH 450 7' Mower
- Dion Forage Wagon
- Field Sprayers: 500 gal. Century; 200 gal.
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- Gehl 2230 Pivot Tongue Mower Conditioner
- Hesston 1014 & 1090 Mower Conditioners

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Forage Wagon: 716A

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Blowers: 28

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bobcat

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4722 IH 4568
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6482 IH 1586

4783 IH 886
4558 Farmall H
6541 Case 630
6536 IH 5488

COMBINES

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*3058 JD 7700 w/Chopper
*6512 ACA

*3784 IH 1440
*3882 IH 915
*3983 IH 915

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6403 JD 210 Disc 13'
4524 Ford 142 Plow 5x16
6103 Sunflower HB Chisel Plow 27'
3841 IH 540 Plow
3799 IH 370 Disc 13'
6491 IH 14 Subsoiler
4659 Krause 4133 Field Cultivator

6325 Krause 1924 Disc 20'
4099 Krause 1966 Disc 31'
5054 Krause 2143 Disc 42'
5457 Krause 2413 Disc 23'
4667 JD 12 Shank Chisel Plow
5561 JD 210 Disc 13'
6545 IH 140 Rollover Plow 4x16

5419 JD 22 Shank Chisel Plow
5534 Glencoe Soil Finisher 20'
4773 Glencoe 12 ft. Soil Finisher
3301 Wilrich Field Cultivator, 37'
4092 Miller 20' Offset Disc
4587 Brillion 16' Field Cultivator
6494 Brillion 21' Crowfoot Packer

MISCELLANEOUS

6547 JD 15' Shredder
4537 JD 400 Gal Sprayer
6531 IH 1190 Mower Conditioner 9'
6334 Gehl 1500 Round Baler

6516 IH 40 Shredder
5487 NH 280 Baler
3561 NH 495 Haybine
3837 NI 245 Manure Spreader
3900 John Blue 1000 Gal. Sprayer

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Ford 550 Loader & Hoe
Ford 515 w/Loader
Ford 3400 w/Loader
Ford 3400 Loader & Hoe
Ford 3600 D.
Ford 3000 w/Loader
Ford 3000 8 speed
Ford 2810, 600 hrs.
Ford 2110, 500 hrs.
Ford 2000 D, NFE
Ford 2000 G, 8 SP
Ford 1100, 4WD
Ford 801 w/Loader
Ford 420 w/Loader
Ford 335 w/Loader
MF 180, 8SP
Mitsubishi 210, PS
AC D15 3 pt.
IH 574 w/Loader
IH 454 G, PS
Case 830
JD 3020 D., NFE
JD 3010 D., NFE
JD 2010, G, NF
JD 850 w/Loader
JD 60 PS, LPTO
MF 175 D 8 speed
MM 445, WF
NI 323 Picker
NI 206 Spreader

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JD 2440

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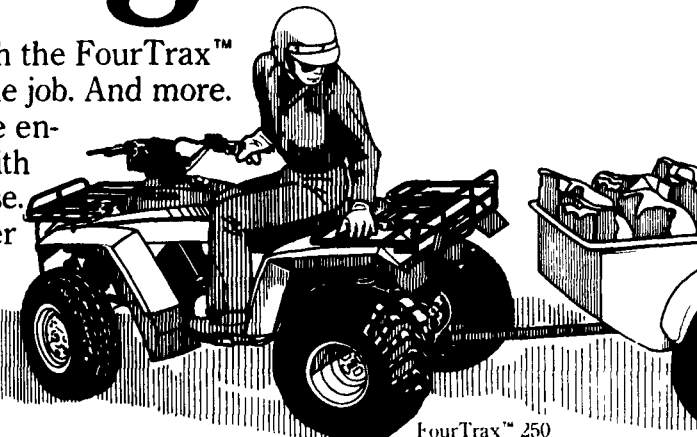
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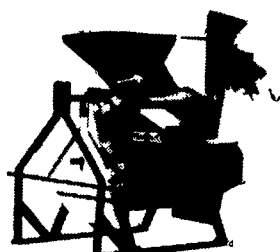
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1974 White Truck Tractor
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Crane Turns 180°, Rebuilt 318
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1 Row Planter
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18.4x34 Axle
18.4x38 Snap On
18.4x38 Ford Axle
20.8x38 Snap On

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JD R IH Cub
NI 18 NI 12A

CONSTRUCTION EQUIPMENT



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White 4000 lb.	\$6900
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TCM 5000 Lb.	\$9900
Komatsu 5000 lb.	\$9900
AC 600-21'	\$10,500
White 21'	\$11,500
Case 586-14'	\$12,500
AC 1600-21'	\$12,500
Case 584-21'-Gas	\$14,500
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Joy 185 Diesel Compressor	\$5900
Galion 503 Grader	\$7900
Galion 503 Grader	\$8900
Leroi 175 Air Compressor	\$8900
Rex 3-50 Compactor	\$39,500

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Franklin	\$3500
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JD 640	\$24,900

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Ford 3400	\$4900
MF 30	\$4900
MF Workbull	\$5900
Ford 3400	\$5900
JD 301	\$5900
IH 504	\$5900
Ford 4400	\$6400
Ford 4400	\$6500
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IH 2400B	\$7200
(2) IH 2500A	\$7500
IH 2500B	\$7700
IH 2500B	\$7900
Ford 515	\$7900
(3) Ford 515	\$8500
Ford 515	\$8700
Ford 515	\$8800
Ford 420	\$8900
(5) Ford 515	\$8900
Valpadana 4033-4WD DEMO	\$10,800
Valpadana 4038-4WD DEMO	\$11,300

BACKHOES

IH 3616	\$5900
IH 2400	\$5900
Ford 5550	\$6900
JD 300	\$7900
Case 580	\$8900
(2) JD 400	\$8900
MF 30	\$9500
MF 50-Cab	\$10,500
IH 2500B	\$10,500
IH 2500A-Cab	\$10,900
JD 310	\$11,500
JCB-Cab	\$11,500
IH 260A	\$12,500
IH 3820-4WD	\$12,500
(3) Case 580B	\$12,500
JD 410-Cab	\$13,500
JD 310A	\$14,500
(3) Case 580F-Cab	\$15,500
Case 580F-Cab	\$16,500
Case 580C	\$16,500
JCB-Extendahoe	\$18,500
JCB-4WD	\$21,500

RUBBER TIRED LOADERS

Trojan 124-Cab	\$7900
Trojan 204-Cab	\$8900
Michigan 175A II-Cab	\$9,500
Hough 65-Cab	\$9,500
Fiat 545-Cab	\$16,500
Fiat 345B-1979	\$19,500
Ford A62-1980	\$25,000
JD 644B	\$26,500

DOZERS

IH TD14	\$2900
JD 1010	\$5900
JD 450	\$7500
Case 450	\$7500
JD 350 Cab	\$9500
JD 350 6 Way-Cab	\$10,500

CRAWLER LOADERS

JD 2010	\$5500
Case 850	\$7500
Case 350	\$8500
Case 850	\$8500
Case 350	\$9500
(3) Cat 933F Cab	\$9500
(3) JD 350-Cab-Ripper	Each \$9500
Case 450	\$9500
Cat 933F Cab	\$10,000
4-In-1	\$10,000
(2) JD 450	\$10,500
Cat 933G Cab	\$11,500
JD 450 w/Hoe	\$11,500
Cat 955H	\$12,500
MF 200 w/Hoe-Cab-1978	\$14,500
4-in-1	\$14,500
MF 400-Cab-Ripper	\$14,500
Komatsu D31-Cab	\$18,500
(2) Cat 941-4 in 1	\$19,500
Cat 941-Cab-Ripper	\$22,500
(2) Cat 941-Cab-4 in 1	\$22,500
Cat 951C-Cab	\$25,000

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

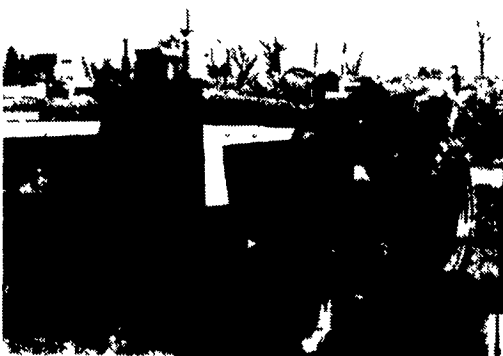
HOURS:
MON-FRI 7:30 To 5:00
SAT 7:30 To NOON

WENGERS INC.

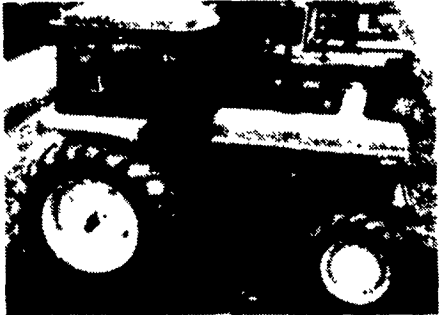
251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS,
PHONE:
717-866-7147
or
717-273-9089



IH 544 Gas w/Industrial Mid-Mount Mower, New Paint, Works Good, Good Rubber. **\$2,700**



1975 JD 4230 4WD- 90% Rubber, Fresh Major On Engine, 2500 Hours, Clean Original, Cab, Air, Quad., Good Tractor **\$16,800**



IH 574 Diesel, WF, 3 Pt., Cab, 2700 Hours, Good Paint, Operating Condition

Special Price \$4,800



Ford 4400 Tractor Loader, Gas, 3 Pt., PTO, New Paint, New Tires, Power Steering, Wide Bucket, Full Hydraulics.

Don't Miss This One \$6,400

Schwartz 750
Mixer-Feeder
Wagon With
Electronic
Scales, Fair
Condition
\$2,250



LOADERS

Loader Off D.B. 990
Freeman Off 880 Brown
AC Off 1600
Souders Loaders
IH 2250 Loader
IH 2050 Loader
JD 158 Loader
Loader Off 800 Ford
IH 2000 Off 706
Loader Off 4000 Ford
Loader Off 30 Ferg.
JD 47 Loader
JD 48 Loader

CORNPLANTERS

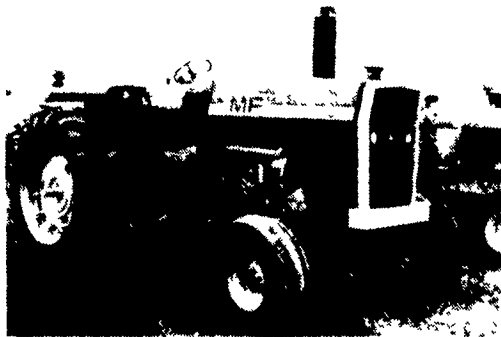
IH 2X Fast Hitch
Ford 6X Pull
JD 246 2x3 Pt
IH 56 - 2 Row
Ford 2x3 pt.
MF 2x3 pt.-NEW
Oliver 2x3 pt.
IH 400 Cyclo

ROLLBARS & CABS

IH 2 Post w/Roof
Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 4000 Cab
Ford 6600 Cab
JD 4320 Cab

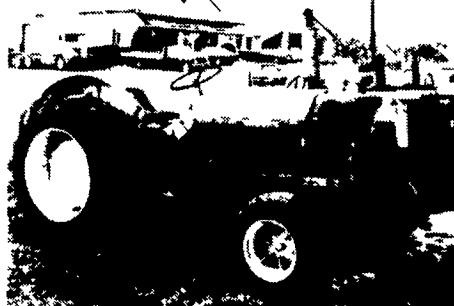
BALERS

Extra Throwers
JD 214 Wire Tie
NH 851 Round
NH 67



1974 MF 1105, New Paint, Good Multipower, 18.4x38 (40%).

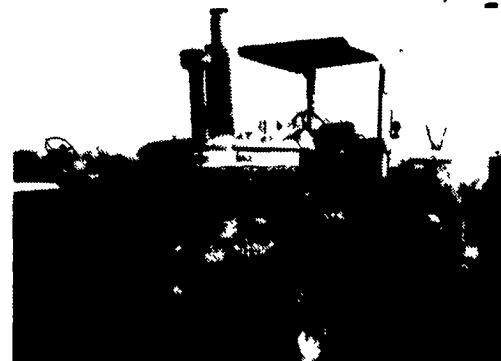
Nice Tractor- Priced Right \$6,700



1978 Ford 4600 Diesel, 3 pt., PTO, P. Steering, 8 Speed Transmission, 60% Tires, Operating Cond. **\$6,900**



1976 Gleaner F Diesel Combine w/Air With QT Grain Head & F435 Cornhead. Seasons Over - Price Is Cheap. Machine W/2 Heads **\$4,680**



1978 Ford 9700 - ROPS - Frt & Rear Weights, Spin Out Wheels, Runs & Looks Good.

Wake Up- Too Cheap \$7,300

COMBINE SALE All Combines Have Cabs

- White 8600-D-QT w/Grainhead..... **\$8680**
- JD 3300 D-R Screen-QT-Base..... **\$7420**
- IH 615G-R Screen-QT w/Grainhead..... **\$7850**
- White 7300 G-QT w/Grainhead..... **\$7850**
- Gleaner F Diesel w/Grain & 435 Corn... **\$4680**
- JD 4420- 213 Grain-Diesel..... **\$16,500**

CORN & GRAIN HEADS AVAILABLE

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornhead
743N Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head
3x30 Harvester Head
705 Diesel Tractor
QT Throat Assy.
710 Combine
725 3RN Cornhead

CHISEL PLOWS

JD 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt.)
1 tooth 3 pt. subsoiler
5'-8'-9'-10'-12'-
-14'-16' 3 pt.
5 Tooth V Chisel

DISCS

IH 10'-11'-13'
Transports
JD Plowing Disc-11'
KK 6' 3 pt.
IH 480 w/Wings-24'
IH Cub Disc
JD 10' RWA Transport
Bush Hog 16' w/Wings
JD KBA 8' pull
JD 310 Transport
Wilbeck Offset-11'

SICKLE MOWERS

JD 9 3 pt.
Ford 3 pt.
IH Cub
IH FH
Sitrex 3 pt. dynabalance

HAYBINES

NH 478-7'
Hesston 1070-7'

NEW EQUIPMENT SPECIALS

SITREX P.T.O. TEDDERS

2-Wheel Pull or
3 Pt.
***895**



4 Wheel- ***1695**

ROTARY MOWERS

- 40" 3 pt Heavy Duty..... ***495**
- 4' 3 pt Standard Duty..... ***449**
- 4' 3 pt Heavy Duty..... ***495**
- 5' 3 pt Standard Duty..... ***449**
- 5' 3 pt Heavy Duty..... ***495**
- 6' 3 pt Heavy Duty..... ***695**
- 7' 3 pt Heavy Duty..... ***1395**
- 4' pull Heavy Duty..... ***595**
- 5' pull Heavy Duty..... ***695**
- 6' pull Heavy Duty..... ***895**
- 7' pull Heavy Duty..... ***1495**
- 4' 3 pt Estate..... ***1195**
- 5' 3 pt Estate..... ***1295**
- 6' 3 pt Estate..... ***1695**

SICKLE BAR MOWERS

- 6' 3 pt pitmanless..... ***1495**

SCRAPER BLADES

- 6' 3 pt Heavy Duty..... ***195**
- 7' 3 pt Heavy Duty..... ***225**

CEMENT MIXERS

- 9 Cu. Ft.-3 Pt..... ***595**
- 12 Cu. Ft.-3 Pt..... ***695**
- 20 Cu. Ft.-3 Pt..... ***795**

STONE RAKES

- 6' 3 pt..... ***495**
- 7' 3 pt..... ***550**
- 8' 3 pt..... ***595**

HAY TEDDERS

- 2 Wheel Pull PTO..... ***895**
- 2 Wheel 3 pt PTO..... ***895**
- 4 Wheel Pull PTO..... ***1695**
- 4 Wheel 3 pt Ground..... ***465**

HAY RAKES

- 4 wheel 3 pt..... ***465**

WOODSAWS

- 3 pt PTO 30"..... ***495**

ROTOVATORS

- 34" 3 pt..... ***875**
- 42" 3 pt..... ***875**
- 60" 3 pt..... ***1275**
- 66" 3 pt..... ***1375**
- 72" 3 pt..... ***1475**
- 82" 3 pt..... ***1975**

100 COMBINE CORNHEADS

HARVESTER HEADS

(75 In Stock)

PLOWS

AC 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 4x-5x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver 3x-3 pt.
Oliver (pull) 3x
Oliver (semi, Reset)4x-5x
IH 1x (MTD)
IH 2x, 1 pt. FH
IH 3x 3 pt
IH 550 5x (Semi)
IH 710 5x (Semi)
Ford 2x (3 pts.)
MF 880 5x (Semi)
MF 2x Rollover
Oliver 4x3 pt
JD 5x Rollover
Oliver 3x Rollover
JD 3X Rollover
IH 3X Rollover
IH 4X Rollover
AC 3x3 pt
JD 7x Reset
JD 4x Pull
OL 2x Rollover
IH 3x FH
IH 3x FH Disc Plow
Ford 3x3 pt.
Case 2x3 pt.

MISC. EQUIP.

Spike Harrow
IH Cub & 140 Attach-
ments
Hesston 10W Mower
12' Lime Drills
IH Side Dressers
8' to 12' Spring Tooth
Harrows
Hesston 30 Mover
(3) Bale Wagons
IH 5100 Drill
(2) Hesston 10
Stackers
Danuser PHD
Fox 660 Blower
IH 56 Blower
Gehl 95 Grinder Mixer
(3) Cornpickers
(7) Harvesters
Transplanters
Hay Rakes
Cornshellers
JD 300 Elevator
Grain Auger-6"x32'
9' & 12' Cultipacker

ROTARY MOWERS

JD 5' Pull
Ford 7' Pull
Woods 6' Offset, 3 pt
Bush Hog 4X Stalk
Chopper
Woods C80-3 pt.
Woods 5' 3 pt.

CULTIMULCHERS

JD 930 - 12' 3 pt.

CULTIVATORS

AC D14-D15 2x
Ford 2x3 pt.
JD 2x (H & 420)
JD RM6
JD 6x Frt Mtd
IH Cub & Super A, A, C
IH C-H-M 2x Frt
IH 461 Frt. Mtd 4x

FEBRUARY SPECIALS

Tag #	SKID STEER LOADERS	Price
72	NH L-779 Diesel, One Owner	\$13,500
552	NH L-778 Diesel, Repro.	\$10,500
196	NH L-775 Gas, One Owner	\$10,000
144	NH L-35 Gas, Choice of Two	\$6,500
486	NH L-445 Diesel, One Owner	\$10,000
	NH L-425 Gas, Low Hours	\$9,300
432	NH L-225 Gas	\$6,500
199	Ford CL-40	\$8,500
454	Ford CL-30	\$6,500
421	Ford 340	\$4,500
	NH LB-620 Loader Backhoe, New Demo	\$32,000

Tag #	MANURE SPREADERS	Price
100	NH 800 w/Brakes & All Options	\$8,000
600	NH 791 w/Endgate & Top Beater	\$4,200
508	NH 790 w/Endgate	\$3,800
483	NH 679 w/Endgate, Upper Beater, & Wide Spread	\$4,900
404	NH 676 w/Upper Beater	\$4,300
235	NH 516 w/Endgate	\$2,950
595	NH 513	\$2,400
300	NH 367 Flail Tank Spreader	\$3,500
259	NH 346 Flail Tank Spreader	\$1,800
545	NI 214 Triple Beater	\$1,800
586	Starline 250 Bu. Flail Tank Spreader	\$3,500

FORD NEW HOLLAND, INC.



A Subsidiary of Ford Motor Company

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Westminster, MD 21157
(301) 857-0711

In Pennsylvania: 1 (800) 331-9122

630 Lancaster Farming, Saturday, January 31, 1987

USED EQUIPMENT SPECIAL

1973 International School Bus -
72 passenger. Look it over
and make an offer.

USED EQUIPMENT

SPREADERS	LOADERS
JD 790 Spreader, \$995	OMC 320 Skid Loader, \$3900
NH 791, \$2500	
NH 510, \$750	
JD 40, \$995	
NH 513	

TILLAGE	TRACTORS
JD 3 BT 14" Plow	JD 2040
JD KBA 9 Ft. Disk	JD 2840, \$11,500
JD 22 Ft. Wheel Harrow	JD 620 w/237 mounted picker \$3500
AC 4 BT Plow	JD 2520 Gas, \$5800
IH 3 BT Plow	Set of 34" Duals w/Bar Clamps, \$450
	Set 36" Wheels

COMBINES	HAY & FORAGE
JD 55	NH 479 Haybine, \$1200
IH 105	JD 34 & 35 Harvesters
JD 344 corn head w/harvester adaptor plate, \$2,500	JD 510 Round Baler \$5100
Walsh Sprayer, \$595	JD 100 Stack Mover \$1700
	Hesston 5800 Round Baler, \$3200



New & Used
John Deere Equipment

Lawn & Garden Equipment

CLUGSTON FARM EQUIPMENT
HCR80--Box 22
Needmore, Pa. 17238
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John Deere Sales & Service

RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT

1494 w/cab & PS	370 disc, 11'6"
885, 4WD, ROPS	800 Cyclo planters, 4R
234, 2WD	IH 4500 Vibra Shank
244, 2WD	IH 5100 Grain Drill, 20x6
385, w/ROPS	IH 4600 Vibra Shank
475 disc, 17'5"	

USED EQUIPMENT

IH 490 Folding Disc, 24' Well Maintained	NH 555 Skid Loader w/Bucket & Fork Used 1 Yr., Like New	IH 674 Row Crop Tractor Exc. Cond. 1900 hrs.
--	---	--

IH 181 Rotary Hoe	JD 4400 combine w/grain head & corn head
NH 477 Haybine	#475 Disk 17' 5" 22" Notch Discs Used One Season
154 LoBoy w/Mower	IH 710 3 Btm. Auto. Trip Plow, excel. cond.
IH 45 Baler	IH forage blower
Case 230 Baler	Holland transplanter
IH 384	IH 4 btm. semi-mtd. plow
IH 1456 w/cab	Haines Stone Pickers
IH 1256 Tractor	(2) IH 234 Corn Pickers
500 Crawler R/C	IH 1150 Grinder-Mixer
666 Farmall G, WFE	IH 456 Corn Planters
Farmall H	IH 400 Cyclo Planter
Farmall C	JD Plateless Planter
Farmall SC w/Cults.	
MF 540 Combine	
MF 85 Combine	
Haines bulk bodies	
Massey Harris drill 16x7	
Potato planters	
1R Potato Digger	



New Cash Deals,
Low Rate Financing or
Waiver of Finance

RD 1, Ringtown, PA
717-889-3184
Since 1949

Mid-size power with big-size performance



Case International 885 Tractor

A Case International 885 tractor is a good choice for two reasons: It's the perfect No. 1 tractor on smaller operations, and ideal back-up power on larger acreages.

With 72 PTO hp*, the 885 more than pulls its weight. You'll like the exceptionally quick response and high torque rise of its clean-burning diesel engine. That extra torque translates into greater tire bite and more workpower. So whether you have a small or large operation, the 885 gives you what you need.

- 16-speed synchromesh transmission
- Independent 540/1000 RPM PTO
- Category II 3-point hitch
- Power steering, differential lock, planetary final drives
- Hydraulic disc brakes plus complete lighting and instrumentation

See the model that fills your needs — row-crop, utility, low-profile or Mechanical Front Drive (MFD)

Stop in for
additional details.

*Manufacturer's rating



WM. HOBENSACK'S SONS

Ivyland (Bucks Co.) PA

ATTENTION NEW JERSEY FARMERS:

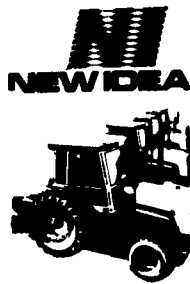
Over 96 Years For Experience

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Specials On Tractors And Equipment



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Rts 309 & 100
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Mon-Fri 7 30 A.M.-5 00 P.M.
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Trumbauersville to Finland Rd
Quakertown, PA
(215)536-1935 or 536-7523
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BRANCH
Lobachsville, Oley, PA
(215)987-6221 or 987-6257
Mon-Fri 7 30 A.M.-5 00 P.M.
Sat 7 30 A.M.-12 30 P.M.

Phil says, "SPRING IS ON THE WAY!"

So think ahead now, we have many different size and price used tractors and implements to get you into the fields this spring. Come in, one might be yours!

TRACTORS

JD 4020 w/Power Pack
JD 4020 D w/WFE
JD 4010 D w/WFE
JD 3010 D
JD 3010 repainted
JD 720
JD 60
Farmall 460 D
Farmall 400 G & D
Farmall C
Ferguson 50 w/loader
Oliver 1855 D, new rubber
Oliver 1550
Oliver 500 D
AC 7080 D w/cab, air/heat, excel!
AC 7060 D PS w/cab, air/heat, only 1400 hrs.!

COMBINES

JD 3300 Cab w/Air & Heat, 10' Grain Head, 238 Corn Head, excellent
JD 45 w/both heads
1978 AC Gleaner M2 D w/cab, air, 13' grain & 430 corn heads.
AC Gleaner M D w/hydro, 13' grain & 438 corn heads.
(1977) AC Gleaner F2 D w/13' grain & 438 corn heads.
AC Gleaner E w/cab, 10' grain & 238 corn heads.
AC Gleaner F w/cab & both heads.
IH 315 w/cab, grain & corn heads.
MF 750 D w/cab, air/heat, & 630 corn head.
NH 975 Gas w/cab & both heads
NH 890 R2 Snapper corn head
NI Uni-System 701 w/710 power unit, 10' grain & 2-row wide corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 702 Power Unit w/727 Husking Bed & 724, 3RW Corn Head, excellent
NI 323, 1R Picker, like new
NI 323, 1R Picker
JD 346 Baler Wire Tie, w/Kicker & Excellent

MISC

Behlen Grain Dryer w/engine
MF 246 Loader w/80" Bucket
Weaverline 224 Silage Cart, 30 BU, w/automatic charger, rebuilt!

TILLAGE

Oliver 6B Plow, semi-mount
Ford 3B Plow, 3 pt
Brillion 961 8' Seeder pull type
IH 11 Shank 3 pt Field Cultivator
JD 16' Cultmulcher
Leinbach 6 Disc 3 pt
IH 9' Disc pull type
JD 1000 12' Disc w/Trans Harrow
JD 9' Transport Disc
JD 17 Disc Grain Drill

MANURE SPREADERS

NH 676 w/hyd endgate, 320 BU
NH 675 w/endgate, 300 BU
NH 518, 220 BU
NI 214, Liq pan, 210 BU A-1
NI 218, w/hyd Endgate, Tan dem, 300 bu
(3) NI 213, 177 BU
IH 550 w/endgate, 200 BU

IH TRACTOR SALVAGE PARTS
Savings to 50% & More
BATES CORPORATION
14th AND FIR RD., BOURBON, IN 46504
**PARTS DISMANTLED CLEANED
& READY FOR SHIPMENT**
WE SHIP UPS, TRUCK, BUS
FOR THOSE HARD-TO-FIND &
DISCONTINUED ITEMS
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For Sale
Feed Bin - 1 ton up to 5 tons
(We use 5/8" plywood for bin)
Farm Bilt Wagon and Hay Wagon.
We also repair wagons.
KAUFFMAN WOODWORKS
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Christiana, PA 17509

IH 470 transport
disc w/wings, good
condition, 18'
\$2,000.
JD 14' transport
disc, \$400
814-354-2840

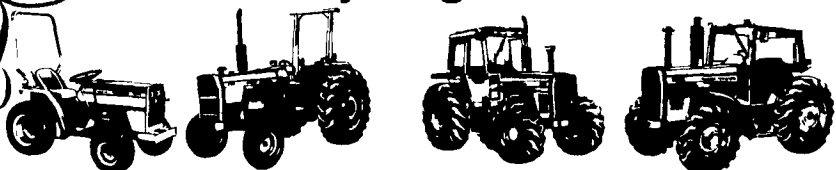
Ford A-62, 2 yard loader, good condition,
lights, wipers, heater, all works. We've
been using it in snow, \$17,500 or Best
Offer.
Valley Implement Co.
Rt. 38, Newark Valley, NY
607-642-8688

up to
\$1200

Trim up to \$1200 off
our best price
on Massey-Ferguson tractors

M-F SAVINGS

up to
\$1200



M-F 1010 Hydro

M-F 298

M-F 699

M-F 3545

Now may be the best time ever to
buy a new Massey-Ferguson tractor
That's because when you bring in
this Savings Certificate, Massey-
Ferguson will give you a discount on
new M-F tractors of up to \$1200,
depending on the model selected



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- Save up to \$400 on M-F Compact tractors.
- Save up to \$800 on M-F orchard/vineyard and 200 Series tractors
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- Save up to \$1200 on M-F 3500 Series tractors

Or choose low 6 9% APR M-F
financing and generous factory
discounts from Massey-Ferguson

Pick out your best deal on the best
tractor for you. And save like you
could never save before

Name _____
Address _____
Telephone _____
Model Number _____
Serial Number _____

Customer's Signature _____

Offers expire January 31, 1987

up to
\$1200

USED COMBINES

1984 MF 850 Hydro with 9115 Floating 15 Ft. Grain Head and 1163 Corn Head	\$58,000
1982 MF 850 Gear Drive	\$29,000
1981 MF 850 Hydro	\$34,000
1980 MF 550 Hydro	\$15,000
1980 MF 750 Gear Drive	\$24,000
1979 MF 550 Hydro	\$18,000
1978 MF 760 Hydro	\$17,000
1978 MF 760 Hydro	\$15,000
1978 MF 750 Hydro	\$16,000
1977 MF 760 Hydro	\$18,000
1977 MF 760 Hydro	\$19,000
1977 Gleaner "M"	\$16,000
1976 MF 760 Hydro	\$15,000
1976 MF 760 Hydro	\$16,000
1975 MF 750 Gear Drive	\$12,000
1975 MF 750 Hydro	\$14,000
1974 MF 760 Hydro	\$12,000
1974 MF 750 Hydro	\$8,500
1972 MF 510 Gear Drive	\$6,500
1969 MF 300 Gas	\$4,000
1969 MF 300 Gas	\$2,700
1969 MF 410 Diesel	\$5,000
1966 MF 510 Diesel	\$2,500
1969 John Deere 6600	\$4,500
1975 IH 615 Hydro	\$4,500
IH 315 Hydro	\$3,500
C II Gleaner	\$4,000
Like New 1144 Corn Head	\$5,500
1163 Corn Head	\$5,900
JD 215 Flex Head	\$4,800

USED EQUIPMENT

Tye 10 Ft. No-Till Grain Drill	\$9,000
MF 724 280 Bu. Manure Spreader	\$6,100
Glenco 12 Ft. Transport Disc	\$6,200
Glenco 9 Tooth Soil Saver	\$5,900
Glenco 7 Tooth Soil Saver	\$4,900
MF 351 19 1/2 ft. Soil Finisher	\$6,100
Landoll 10 ft. Soil Finisher	\$3,200
John Deere 310 Disc Harrow	\$3,200
Brillion 11 Ft. Cultipacker	\$700
Brady 6 Ft. Flail Chopper	\$2,500
Shaver Post Driver	\$1,850
Danuser Post Hole Digger	\$640
Danuser Wood Splitter	\$780
MF 880 Hyd. Reset 6-16 Plow	\$4,650
MF 345 Spring Reset 3-16 Plow	\$2,500
MF 82 Spring Trip Plow	\$1,200
MF 66 Spring Trip Plow	\$450
Ford 10 ft. 3 pt. Chisel Plow	\$1,200
Yetter 15 ft. Rotary Hoe	\$1,500
MF 820 Hyd. 19 ft. Wing Disc	\$8,500
MF 233 10 ft. Disc Harrow	\$4,100
MF 124 Baler	\$1,500
MF 260 Harvester w/2 Row Corn Head	\$2,500
NH 717 Harvester w/1 Row Corn Head	\$800
MF 41 3 pt. Sickle Bar Mower	\$2,400
MF 925 Haybine	\$1,500
EZ Trail 6 Ton Running Gear	\$550
15 Ton EZ Trail Wagon With 450 Bu. Gravity Bed	\$4,200
EZ 475 Bu. Self Unloading Grain Cart	\$6,400
Demo Myer 8' Snow Blade To Fit Farm Tractor	

1980 Uni System, Only 1200 Hrs.

801 4 Wheel Drive Unit	\$26,000
818 Grain Combine	\$6,000
840 Feeder House	\$2,000
844N 4 Row 30" Corn Head	\$4,500
767 Harvester	\$3,300
774 4 Row 30" Harvester Head	\$2,900
766 Hay Pick Up	\$1,000
Buy Complete Machine On Sale Days And Receive A Big Discount	\$45,700

USED TRACTORS

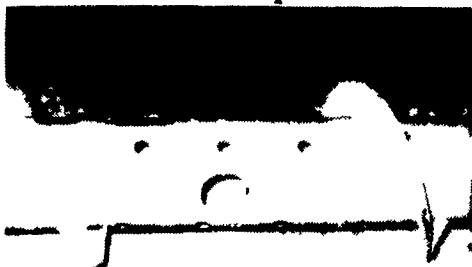
MF 2705	\$14,500
MF 1080	\$5,500
MF 85 Gas	\$3,200
MF 1155 w/Duals	\$10,000
MF 1155	\$7,900
MF 1150	\$5,500
MF Super 90	\$4,500
MF 180	\$3,500
MF 178	\$3,400
MH Pony	\$1,250
MH 444	\$1,000
IH 1206	\$6,500
IH 574	\$5,200
Ford 8000	\$5,500
Ford 960	\$2,100
AC 180	\$4,900
MF 165 Dsl. w/Dunham Loader	

Our Thanks To Everyone Who Helped Make 1986 A Successful Year. We Sold 16
New Combines In 1986, Including: (4) 550's, (5) 850's & (7) 860's. We Sold
36 New Tractors In 1986, Including: (9) 16-30 HP, (11) 40 HP, (9) 50-60 HP, (4) 70-80 HP,
(1) 100 HP, (1) 120 HP & (1) 300 HP.
Thanks For Your Patronage

SCHMIDT "HEAVY DUTY REBUILT TABLE AUGER"

Before Repair

After Repair



Damaged Or Broken Combine Table Augers Rebuilt Same As New!

No need to purchase a new auger when you can buy one that's rebuilt! Or have your
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Rebuilt augers are guaranteed to run true! "They are jig
repaired."

We Can Rebuild All Makes Of Augers

Call Now For Appointment
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Have Your Auger Repaired

..... Annual

SPRING AUCTION

MONDAY, MARCH 23, 1987



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& SONS, INC.**

Leola, PA 17540

(717) 656-2321

Located 4 miles West of New Holland on Route 23, 1 1/2 miles Northeast of Leola on
the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

FOR SALE
Complete IH Cab,
for 656 or 666 IH
Tractor, like new.
Contact:
Dana Irving
215-869-9505

USED EQUIPMENT

7 Used Prime Mover Skid Loaders

**DEUTZ
ALLIS**

Vernon E. Stup Co.
5859 Urbana Pike
Frederick, Md. 21701
301-663-3185

USED TRACTORS

New Ford 4610
New JD 2150
JD 4630 w/4 post roll guard
JD 4520 w/model 58 loader
JD 4440, cab & air
JD 4430, cab, air, quad range
JD 4230, cab & air
JD 2510
JD 4030, 4 post, roll guard
JD 2940 w/front wheel assist
JD 2940 w/cab
JD 2940 w/loader
JD 2840
JD 2640 w/146 loader, (sharp)
JD 2510 Gas
JD 2040 w/loader, used 500
hrs.
JD 4240, power shift
JD 4240 w/cab & air
JD 4040, power shift, cab &
air
JD 3020 gas
JD 4000
JD 4020, new tires
JD 4020, side console
New IH 274 w/cultivator
IH 3500 backhoe loader
IH 1086, cab & air
IH 1066
IH 766 w/cab
IH 806 diesel, excellent

IH 826 diesel
IH 1026 hydro diesel
IH 544
IH 3088, cab & air, 350 hrs.
Ford 7000
Ford 6600, like new
Ford 5000 Gas
Ford 4610, like new
Ford 4000 SU
Ford 3600
Ford 3400 w/Loader
Ford 2000
Ford 555 w/loader & cab
Ford 3000
AC 210 diesel
AC 185, sharp
AC 180, gas
AC 200, like new
AC 7030
MF 265
MF 205, 4WD
MF 50C w/loader
MF 135 diesel
MF 20 w/loader
Kubota 4000 w/loader
3 pt. hitch backhoe, like new
JD 2010 Forklift
Int. 7000 Forklift 28' Lift

New Gehl 360
Skid Steer Loader

USED PLOWS

Int. 5 btm. 16" spring reset
plow
White 6 btm. 16" plow
White 4 btm., auto. reset plow

Large selection of 3 to 7 btm.
plows
Int. 3 btm. rollover plow

GRINDERS & MIXERS

Gehl 65

Gehl 95

USED COMBINES

444 JD corn heads
443 & 643 corn heads
MF 410
Large selection of JD 2, 3, 4 &
6 row corn heads

JD 6600 hydro, rotary screen
JD 4420, like new
JD 3300 diesel, sharp
JD 3300 gas

USED PLANTERS

JD 494A
JD 7000 4 row Dry fertilizer

JD 7000 6 row conservation,
liquid
JD 7000 4 row liquid, like new

Used Moore
no-till grain drill

USED HARVESTERS

Fox 6600 w/3 row head, cab &
air
Fox 2 row snapper head
Fox Custom 90
NH 718, sharp

NH 3 pt. hitch chopper w/1
row head
Field Queen 3 row wide corn
head

HAY EQUIPMENT

New NH 489 Haybine
NH 472 haybine
Gehl 1090 haybine
Gehl 1500 Round baler
NH 276 baler, excellent
NH 311 baler, like new
New JD 327 Baler
JD 346 baler, excellent

NH 315 wire baler, nice
NH 273 w/thrower
M-C 7' rotary sythe, used on
100 acres
Large selection of used rakes
NH 1032 Stacker Bale Wagon

MISCELLANEOUS

1974 Chevy truck w/16' grain
body & hoist
JD 58 loader
Int. 510 grain drill
Large selection of smaller
discs
NI 2 row narrow, 12 roll bed
NI 323 1 row picker

Kewanee hydraulic fold 18'
disc
Big V snow plow 12' wide
Kewanee 810 heavy disc, like
new
1974 Ford F700 w/grain body
& hoist

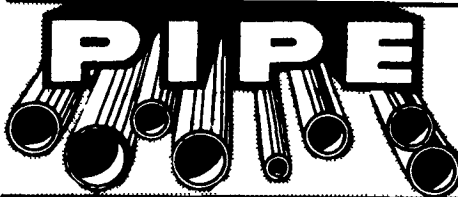
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EQUIPMENT****H. SCHWARTZ & SONS, INC.**

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NEW, USED and RECONDITIONED PIPE
STANDARD EXTRA & DOUBLE EXTRA HEAVY ALL
SCHEDULES - ALL TYPES FABRICATION - THREADING
CUTTING - WELDING

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302-656-0276 or 215-DE14240

Dismantling Combines for parts
over 400 all makes and models
Call before you come.

All Combines Sold—
free parts for one season
if in our parts lot.

IH: 915, 815, 315, 205, 203, 503, 403, 303, 93, 91, 151, 101, 141, 127, 125, 82,
76, 74. JD: 7700, 6600, 4400, 105, 95, 55, 45, 40, 30, 25, 12A. MF: 510, 410, 300,
205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC: Gleaner, F, L, M, K, G, E, C, 2, A, 60,
66. Oliver: 545, 535, 525, 430, 40, 35, 33, pull type. NI: Uni, 710 Combine, Huskers,
705, 702, 701, Combine shellers & harvesters. Ford: 622, 630, pull type. Case: 960,
700, 660, 600. NH: 975, 985. MM: 5297, 3496, MM Uni, White 8600, 7300, Massey
750D, Straw Spreaders & Choppers.

COMBINES

IH 1440 Axle Flow w/1100
hrs., 28x26 tires, 13'
flex head
AC Gleaner F Gas w/2
heads \$5,875
1977 MF 510 Diesel hydro
w/big rubber, air
weights, grain saver &
heads, just traded, real
nice.

JD 3300 gas, grain & corn
head

1984 Gleaner F2 w/950
hrs. 23x26 tires, 4RW
of 4RN, 13' flex, real
nice.

1976 Gleaner L w/big
rubber, 6R 30", 4R
38", 13' grain or 16'
grain A-1 always kept
in, \$18,500

1977 JD 6600 side hill
w/6R 30" & 14' grain
Massey 300 w/grain &
corn head

1983 Gleaner F2 diesel
w/black 4 row corn &
black 13' flex grain
head, 1,251 hrs., cab,
air & radio

1977 MF 510 diesel, quick
tach w/13' grain & 4
row 30" corn, cab & air
& grain saver

1979 MF 550 dsl, hydro,
13' grain & corn,
\$12,000

1976 Gleaner FKS dsl. 13'
black grain & corn
head, real nice,
\$12,000

Gleaner F gas w/grain &
corn, \$6,000

MF 510 dsl, quick tach
w/grain & 4 or 6R corn

Massey 82 w/grain & 2R
corn, \$1200

Massey 72 w/grain, \$1200
MF - 760 6 cyl. turbo
w/grain & 6R 30" corn,
\$14,500

Massey 410 dsl. quick
tach, cab & air, \$4,000

2 C-2 Gleaners w/4RW for
4RN & grain head

Gleaner G, gas w/4R &
grain head, \$5,000.

JD 4400 diesel w/rigid
grain head, \$7,500.

IH 915 diesel, turbo,
hydro w/grain & 4 or
6R head, \$13,000.

IH 403 hydro w/4R 30" &

grain, \$5500

MF 510 diesel quick tach
w/grain, \$5500.

Gleaner E3, grain & 2R,
new motor, \$4000.

IH 203 Combine w/grain &
2 R corn, \$2500.

Your Choice
\$2500 Each

3 Case 600, 10' Grain &
2R Corn

2 IH 105 w/10' Grain & 2R
Corn

2 JD 45 w/10' Grain & 2R
JD 55 w/12' Grain & 2R

**HAYBINES
& RAKES**

Hesston 10' hydro-swing
center pivot hitch,
\$2850

IH 990 9', \$1375
NI Rotobar Rake, \$850

3 JD Rotobar Rakes, \$450
to \$675.

Gehl 9', \$875
IH Wheel Rake, \$625

NH 489 \$3500
NH 474, 7', \$3750

NH 256 Rake, \$1250
IH Rake w/front dolly
wheel, \$785.

NH 477, 7', \$2150

**ROTARY
MOWERS**

3 pt. 6, 7 & 8'
Also pull types.

**DISC
HARROWS**

8, 10, 12 & 14' Wheel Disc
3 pt. 7'

7 & 8' drag discs

GRAIN HEADS

8, 10, 11, 12, 13, 14 & 15'

PLOWS

IH 540 4 bottom 16"
IH 710 5 bottom 18" auto.
reset

JD F145 5 bottom 16"
2 IH 550 5 bottom 16"
Oliver 546 5 bottom 16"

JD 1350 4 bottom 16"
swing hitch.

(15) From 2-7 Bottom
TRACTORS

JD 3010 Dsl. Narrow
Front

Ford 860 rear wts. & PS,
loader & snow plow

JD 4010 Diesel \$3,875
Farmall H, \$750

Farmall H, \$875

Farmall 400 gas, fast
hitch & power steering

AC D-19 Dsl. w/WF, as is.
AC C w/Woods belly
mower \$1500

IH 1066 Dsl., cab, dual
PTO, 3760 hrs.

w/complete motor
overhaul, rebuilt in-
jector pump, new oil
pump, will show bills,
\$9500.

Farmall C, real nice,
\$1250

Ford 3000 Diesel, \$4000
Farmall Super C w/hyd. &
pulley \$975

Massey 1080 D, \$4500
Ford 600 ~~solid~~ \$2475

Massey Pony Pacer w/1R
cult. & 1 btm. plow
\$1250

Farmall 560 Diesel \$3450
AC D17 Diesel snap
coupler \$2000

**WIDE FRONT
ENDS**

AC C
IH 340

Massey 101, 30 & 33
AC D17

AC D19
WD 45

WD
Farmall C or Super C, 200
& 230

Ford 6000 WFE
**NEW 3 PT.
EQUIPMENT**

Post Hole Diggers
Snow, Dirt, Manure

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Stone Rakes

Rotary Cutters
Box Blades

Discs
Bale Movers

Hay Tedders
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Potato Plows
New Trailers, all sizes

Fert. Spreaders
Cement Mixers

**TRACTORS
ALL WITH
LOADERS**

Ford 4000 Gas Industrial
Loader and Backhoe,
like new tires \$5,500.

Farmall Super C \$1,675.
Farmall M w/PS \$1,850.

SHEETS BROS.
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Zetors Tractor
43 HP 2 Wheel
43 HP 4 Wheel
w/Loader, under
\$15,000
54 HP 4 Wheel
108 HP 4 Wheel,
under \$30,000

JD A

JD H

Farmall H

Used NH 851 Round
Baler

Helix Grinder Mixer

DISMANTLING TRACTORS FOR PARTS

Harvesters and Corn Heads for Parts

IH 1256, 666 Hydro, 806, 706, 660, 656, 560, 504, 404, 460, 450, 400, 350, 300,
340, 240, 230, 200, MTA, M, H, C, BN, A, Cub, F30, F20, F14, F12 JD: M, 4010,
3010, 2020 Dsl., 2010, 720 D, 70, 60, 50, A, B AC 180, D17, WD, WC, CA, C, B MF
1155, 90, 85 444, 333, 44, 33, 30, 20 Case 400, 300, DC, SC, VAC Ford 6000,
4000D, 960, 860 800, 8N, 9N Oliver 1800, 88, 77, 70, 60 Crawler D2 Cat & Oliver
MM 5 Star R Z E3 Coop

KEITER'S FARM MACHINERY

R.D. 1, Halifax, PA 17032 Rt. 225

20 mi. north of Hbg.

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No Sunday Calls

Dismantling 50 pickers for parts
POSITIVELY NO OUT OF STATE
PERSONAL CHECKS

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Hamburg, PA 19526

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COMBINES W/GOOD SELECTION OF HEADS

We have 10 late model, very nice, local, one-owner combines.

1983 MF 860 Hydro V8 motor, fully eq., low hrs., looks like new, w/rear whl. drive w/1163 C.H. & 15' flex U2, reel, like new.

M.F. (82) 850 4 WD Hydro w/16' Flex + 1163 C.H., 900 hrs. Just out of field working, \$47,500.

M.F. 1980 750 Gray Cab, Hydro, fully eq., 700 hrs.

JD 6620 Side Hill w/700 hrs., looks like new; JD 4420, low hrs., very nice; 1976 JD 7700, real nice.

JD 3300 Real nice w/2 heads.

JD 8820 fully eq. w/Turbo Hydro w/Reverse feeder house and chopper, very nice.

JD '81, 7720, Cab, Air, Turbo, Hydro w/220 Flex.

JD 6620 S.H., 800 Hrs., real nice, just out of field working. For \$39,500; JD 6620 LL, 900 hrs., 1 owner, nice; (75) 6600 D. Rotary Screen good; 1977 JD 4400 D., C.A. w/23x26 tires.

IH (Used) 1460 Axial Flow - 800 Hrs., 863 C.H. & 15' grain for, \$41,500; MF 550 D., C.A., low hrs.

55 Sq. B. w/Cab - Good; 55 C.S. sq. back w/cab; (76) 915 Dsl., C.A. Turbo Hydro; IH 715 Gas w/Cab & 810 grain for \$5,500; 205 w/Cab & 10' G.H.; Gleaner N6 w/R.W.D. & 2 Heads.

(75) 510 D. Hydro w/Cab; N.H. TR70 C.A. Hydro; Gleaner (76) FD. w/C.A. - Nice; Nice; #90 Pull Type.

N.I. 702 & 705 Uni-Systems w/Full Eq.; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers.

CORNHEADS: J.D. 843 LP, 643 LP, 443 & 444 LP, 343, 244, 243, (New) Only 1; 443 - \$9,100; 313 (45), 205 (40) 234, 435; Late Model 643 & 443, like new; JD 643; 1 JD 443; 444.

I.H. 863, 844, 843, 833, 744, 227.

A.C. GL 440, C440, A438 Black, A630 Black, L2, L438, M430, F430, KF335, F330.

M.F. 1163, 1143, 63, 44, 33, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 4 & 6 row.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 & (2) JD 216 Flex; JD 213 Rigid.

I.H. 810-13' Thru 16.5' w/Reg. or Floating; 2-New 820, 17 1/2' Flex, \$5,500 each.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10', G15'.

N.I. 713 Flex Or Rigid. Tractors & Equip. Just Traded:

Steiger Panther 310 w/3 pt.; Krause 22' fold chisel plow; Krause 27' fold disk; IH 1066 Cab & Duals; IH 686, nice; MF 175D; JD 2510 G; Athens 10' offset disk; Brillion Wing Harrow; NI 324 w/12 roll bed, 5 yrs. old; NH #8 forage wagon; Brillion 120 chisel plow; Gehl 120 grinder mixer; Case 730 gas; JD 230, 18' disk; IH 1800 roll back truck; '81 Case 2390, CA PS; '81 Case 2590, CA PS; IH 544 Gas w/#2000 Loader; JD 520, WFE; 3 pt.,

PS; Case 584 D. Fork Lift. AC 7010 C.A.P.S., like new; IH 4568, 4WD; Case 4890, 4WD.

JD 7000, 6R cons. planter; IH 990 haybine; (2) Gehl 920 forage wagons; Case 4890, 4WD, 400 hrs. w/fire damaged cab; JD 4230 w/fire damaged cab.

JD 4040 C.A., Q.R., very nice (SOLD); Case 1594, P. Shift, low hrs., like new; F706 D., WFE, 3 pt.; MF 1135 CA, Duals; IH 205 Combine w/Cab & 2 Heads; JD 230, 21' fold disk, NI 325 w/12 Roll Bed; Taylorway 16' Rock Flex Wing Disk; Case 7' 3 pt. chisel plow/gauge wheels (SOLD); JD 1710, 10 1/2' mulch tiller.

Late Model Brillion 10' transport seeder; Knowles 16' wing trans. harrow, used 4 acres; IH 241 Round Baler; IH 1150 Grinder Mixer; Badger Liq. Tank, like new; MF 124 Baler w/Thrower; Arps 3 pt. snow blower; Howard 12' rotavator.

Local Trade: Used JD 4450 C.A. w/490 hrs., like new; (77) Case 970 C.A.P.S. original. Used JD 4240 C.A., Q.R., 1400 hrs.; Local owner, looks like new.

J.D. (New) 4450 C.A.P.S. w/FWD, \$44,200; New JD 2950 w/R.G.; 4640 C.A.P.S., Duals - 800 Hrs., Real Nice; 4640 C.A.Q.R. w/dual wheels; 4440 C.A.P.S. - Real Nice; 4440 C.A.Q.R.; 4240 Q.R. \$15,500; JD 2940 w/F.W.D. & 260 Loader, Low Hours; 1977 JD 4230 C.A., Q.R., sharp, 2200 hrs.; 2940 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/Duals; 8430 4 W.D. C.A.Q.R., Fresh Motor - Real Nice; 6030 C.A. Duals - Nice; 4630 C.A.P.S. w/F.W.D., Real Nice; JD 4630 C.A.P.S. w/new tires; JD 4430 C.A.Q.R.; 4230 C.A.Q.R.; JD 4040 PPS w/R.G.; JD 4030 w/creeper trans.; JD 4230 D w/RG Enclosure; 2940 w/R.G. & 38" Tires; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; (70) 5020 - \$5,900; JD (5) 4020's 1964-1972; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; 4020 w/58 Loader; 3020 D. S.C., W.F.E.; 2520 Dsl.; 2020 Gas; 3020 Gas, PS, original; JD 4520 R.G. & cooler w/30.5x32 tires; 4010 D w/new clutch; 4010 Gas; 730 Gas w/3 Pt.; 630 Gas; 720 D. P.S. w/3 pt; 620 P.S.; 620 L.P.; JD 3010 Gas, real nice; JD 2020 Gas w/L; JD 4010 D., good; JD 2010 Gas, WF w/Hyd. JD Loader.

I.H. (New) 5088 Full Eq. C.A., never used. Sale Price, \$33,450; 5488 Full EQ., Radial Duals - Like New; 786, one owner, original; 3288 C.A. West Int., radial tires, looks new, \$23,000; 1086 C.A.

w/Dual Whls., original; 1586 C.A. Nice; 1586 w/R.G.; 886 w/Cab 18x38 Tires, 700 Hrs. Like New; 886 w/R.G.; 3588, 2+2 w/Dual PTO, 1300 hrs., real nice; Farmall 1066 C.A., original; Hydro 84, Hydro 70; 784 - 1,000 Hrs., Real Nice; 1568 C.A. - 1,000 Hrs., Real Nice; 1566 w/Cab; 1466 w/Cab; 1066 Hydro - Original; 966 Original; 766D.; 464 utility w/2250 loader; 666 D., WF, original; 674 D.; 574 D. w/Loader; 656 Gas; 806 D - \$4,750; 464 Utility, Gas, PS; 1256 w/Cab, Nice; 756 D. W.F.E. & F.H.; 756 G Hi-Clear; 656 Gas - W.F.E. - Original; 656 Gas & Diesel; 656 D. Hi-Clear; 826 D. Hydro; 1206, Nice; 806 D w/3 pt., new paint for \$4,475; 706 D. - W.F.E. - 3 pt. - \$5,000; 706 Gas T/A, W.F.E.; F.H.; 606 Gas w/3000L; Super M; 230 w/F.H.; IH 240 Utility; 560D; F450 Gas, Tri., F.H. w/Loader.

Local Trade: AC 4W, 305, 4WD, 400 HP, fully eq. w/20x38 Rad. duals, used 120 hrs., like new. New AC 8050 C.A., P.S., rad. tires, fully eq.; Used AC 8010 C.A., P.S. w/F.W.D.; used AC 6080 w/R.G.

A.C. New AC 6080; (Used) 7045 C.A. - 20 Spd. - Real Nice; 7040

nice; (New) 2-65 w/F.W.D. & (New) 1730 Loader - List \$29,000 Sale - \$19,900; 2-135 C.A. MISC. Long 445 D. w/4WD, Loader, good; M.M. Vista G1000. (Several farm stocks purchased recently) IH 3288 w/C.A. w/670 hrs.; 1086 cab & air; JD 4440 w/P. Shift & R.G.; Case 2590 CA, PS; Case 2090 CA, PS, \$14,800; 970 fender, original; JD 4230 CA, QR; 4320 real nice; J.D. 2940; 4020 SC; 3020 D.; JD 4520 w/Factory Cab; JD 2840, 1 owner; Farmall 76-1566 CA, duals; Ford County Super 6, 4WD, w/3 pt.; Farmall Super A w/Cult., Plow & Sickle Mower; Owatonna 1700 Skid Loader; Brillion transport wing harrow.

JD 4630 S.R. Cab & Air; JD 40 w/3 pt.; Case 310 Crawler Loader; Dunham Lehr 8R hydraulic fold S tine cultivator (SOLD).

TILLAGE EQ.: IH 800, 9x, auto reset, flex plow; Bush Hog 20' Hyd. Fold Disk; AC 28' Hyd. Fold Disk; Ford 236, 9' Heavy Disk, like new; Glenco SS18 Fold Soil Saver; Farmhand 880 Big Tub Grinder; JD Planters 6R Cons. w/Dry Fert.; 6R Cons./Liq. Fert.; JD 7000, 4R.

CORNPICKERS: (Us-

nice; (New) 2-65 w/F.W.D. & (New) 1730 Loader - List \$29,000 Sale - \$19,900; 2-135 C.A. MISC. Long 445 D. w/4WD, Loader, good; M.M. Vista G1000. (Several farm stocks purchased recently) IH 3288 w/C.A. w/670 hrs.; 1086 cab & air; JD 4440 w/P. Shift & R.G.; Case 2590 CA, PS; Case 2090 CA, PS, \$14,800; 970 fender, original; JD 4230 CA, QR; 4320 real nice; J.D. 2940; 4020 SC; 3020 D.; JD 4520 w/Factory Cab; JD 2840, 1 owner; Farmall 76-1566 CA, duals; Ford County Super 6, 4WD, w/3 pt.; Farmall Super A w/Cult., Plow & Sickle Mower; Owatonna 1700 Skid Loader; Brillion transport wing harrow.

JD 4630 S.R. Cab & Air; JD 40 w/3 pt.; Case 310 Crawler Loader; Dunham Lehr 8R hydraulic fold S tine cultivator (SOLD).

TILLAGE EQ.: IH 800, 9x, auto reset, flex plow; Bush Hog 20' Hyd. Fold Disk; AC 28' Hyd. Fold Disk; Ford 236, 9' Heavy Disk, like new; Glenco SS18 Fold Soil Saver; Farmhand 880 Big Tub Grinder; JD Planters 6R Cons. w/Dry Fert.; 6R Cons./Liq. Fert.; JD 7000, 4R.

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JD 4630 S.R. Cab & Air; JD 40 w/3 pt.; Case 310 Crawler Loader; Dunham Lehr 8R hydraulic fold S tine cultivator (SOLD).

TILLAGE EQ.: IH 800, 9x, auto reset, flex plow; Bush Hog 20' Hyd. Fold Disk; AC 28' Hyd. Fold Disk; Ford 236, 9' Heavy Disk, like new; Glenco SS18 Fold Soil Saver; Farmhand 880 Big Tub Grinder; JD Planters 6R Cons. w/Dry Fert.; 6R Cons./Liq. Fert.; JD 7000, 4R.

CORNPICKERS: (Us-

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JD 4630 S.R. Cab & Air; JD 40 w/3 pt.; Case 310 Crawler Loader; Dunham Lehr 8R hydraulic fold S tine cultivator (SOLD).

TILLAGE EQ.: IH 800, 9x, auto reset, flex plow; Bush Hog 20' Hyd. Fold Disk; AC 28' Hyd. Fold Disk; Ford 236, 9' Heavy Disk, like new; Glenco SS18 Fold Soil Saver; Farmhand 880 Big Tub Grinder; JD Planters 6R Cons. w/Dry Fert.; 6R Cons./Liq. Fert.; JD 7000, 4R.

CORNPICKERS: (Us-

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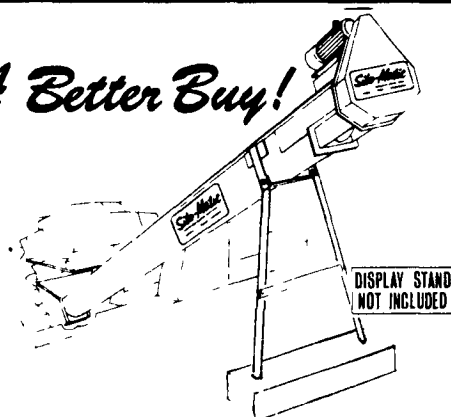
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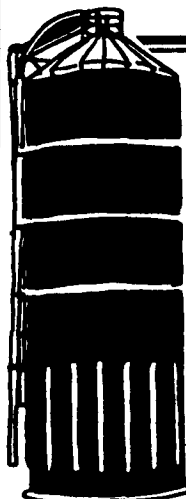
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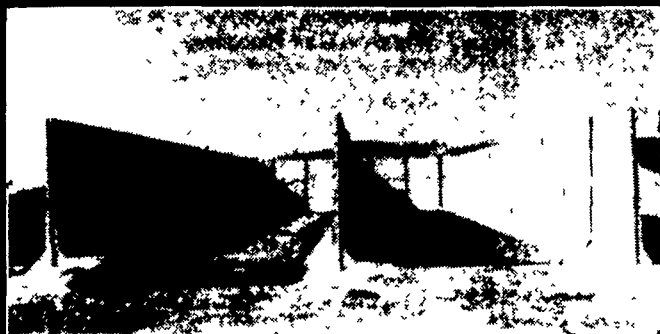
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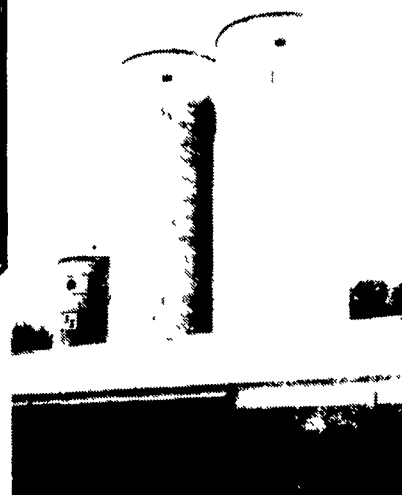
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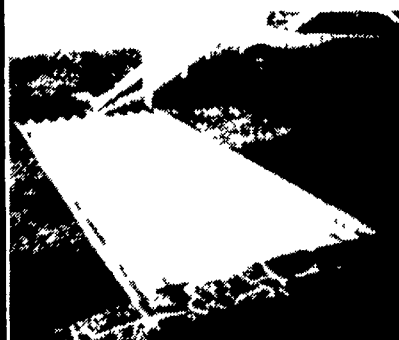


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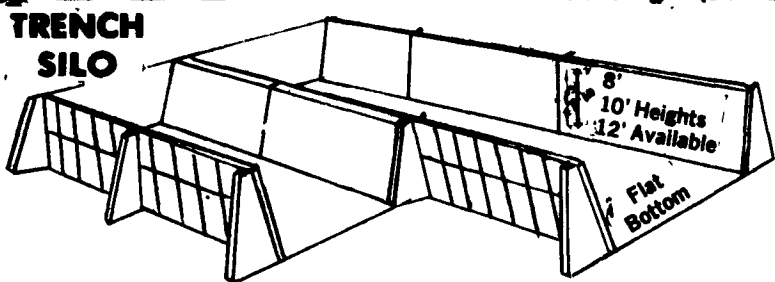
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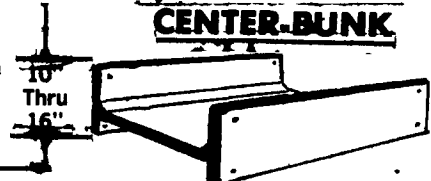
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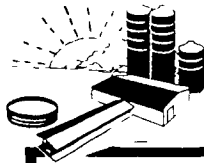
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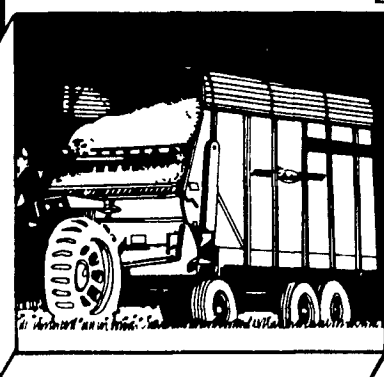
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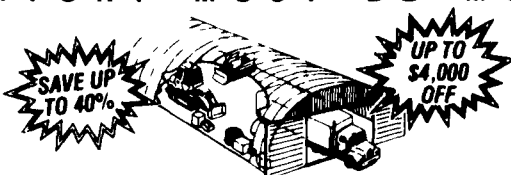


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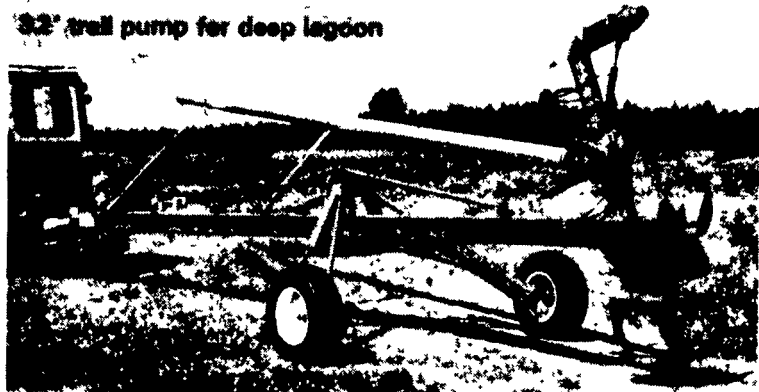
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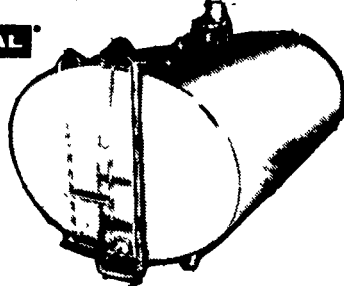
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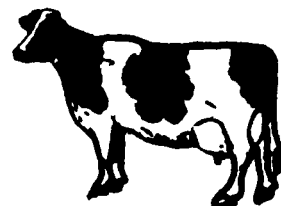
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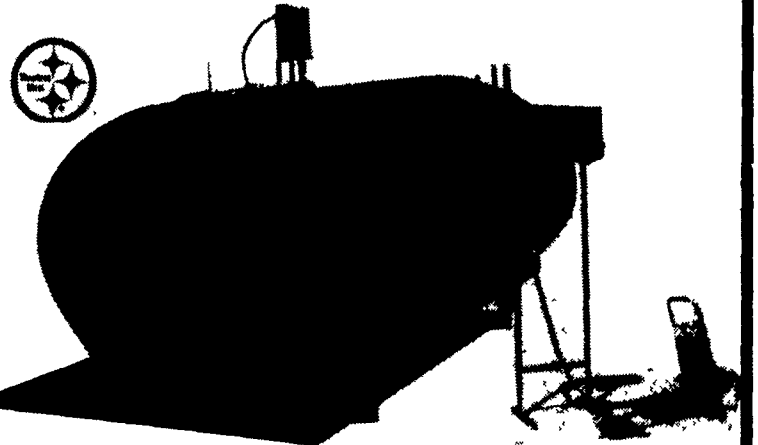
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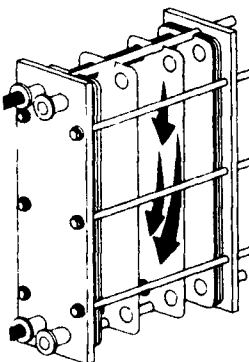
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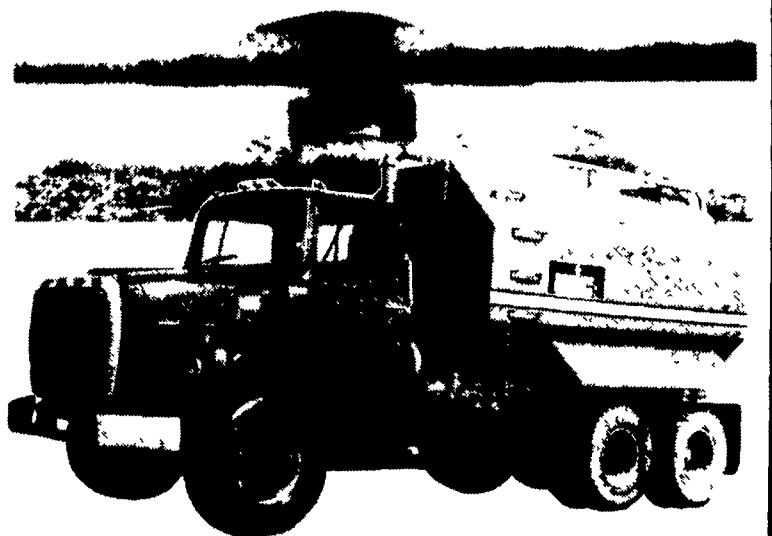
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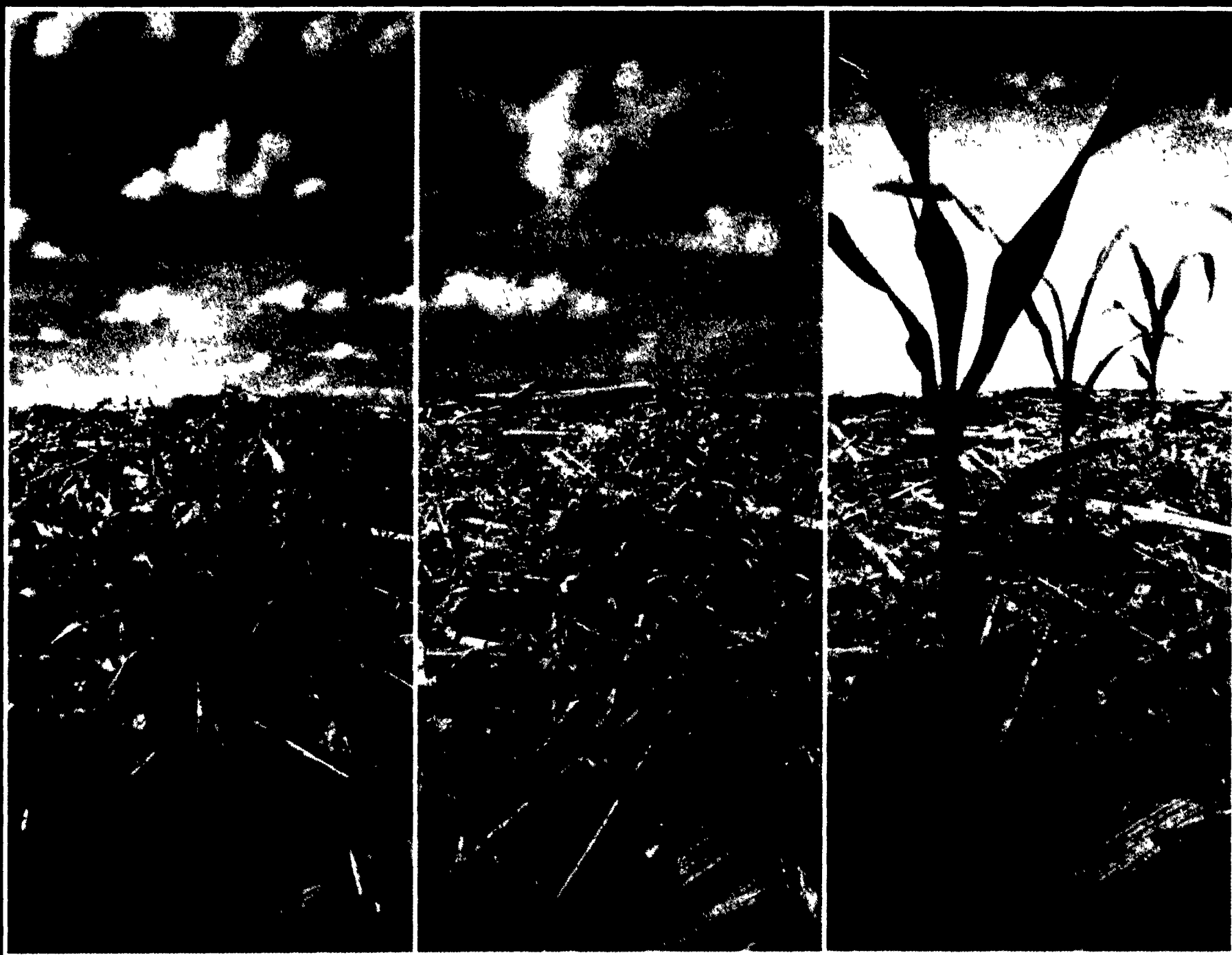
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Cattlemen's Conference To Draw On National Expertise

UNIVERSITY PARK — The 1987 Beef Cattle Conference, with a theme "Feeding, Breeding and Selling Cattle in the 1990's," will be held Friday and Saturday, Feb. 20-21 at Allenberry Resort, Boiling Springs. The conference is co-sponsored by the Pennsylvania Cattlemen's Association; the Dairy and Animal Science Department, The Pennsylvania State University; and Bureau of Markets, Pennsylvania Department of Agriculture. According to Connie Grove, president of the Pennsylvania Cattlemen's Association, "the program will tie together many aspects of feeding, breeding and selling cattle considering all of the things that are happening in the cattle business—from branded products and beef promotion, through new feeding and breeding systems."

The program will feature six speakers from outside Pennsylvania. Featured speaker for cattle feeders and the marketing segment will be H. Richard Farr, Farr Farm Company, Greeley, Colorado. Mr. Farr will speak about some of the feed processing and feeding systems that are used in western cattle feedlots, and the preferred kind of feeder cattle and marketing systems. The Farr Farms Company is one of the older feedlots in the western states, and has been a leader in many of the practical innovations in cattle feeding. Farr will speak on the subject of "Feeding Cattle for Profit and for the Consumer."

Appearing next on the program will be Dr. Jim Wise, marketing specialist with the USDA Standardization Branch, Agricultural Marketing Service, Washington, D.C. There are several proposed changes in carcass grading that may occur within the next few years, which will affect the kind of cattle being raised, type of feeding systems utilized, and perhaps even the way in which cattle are marketed, processed and sold.

Following up on presentations by Farr and Wise will be Dr. Harold W. Harpster, associate professor of animal science, Penn State, who will discuss recent research data on the relationship between feed efficiency and carcass composition. These are two highly important economic traits in beef cattle, for both the breeder and feeder, and are also related to consumer desires for different types of beef.

At the Friday evening banquet, in addition to presentation of Cattlemen of the Year Awards, 1987 Cattlemen's Queen and Princesses, and a Fun Auction, John Meetz, executive vice president of the National Cattlemen's Association, Denver, Colorado, will address the group. Meetz's presentation "The Vital Circle" will include such things as the effects of export markets of both cattle and grain on our beef cattle industry, and how beef cattle producers in other areas of the country have adapted to the tight profit margins in the cattle business.

On Saturday morning, Feb. 20, a special breakfast will be held with an opportunity for conference participants to visit with some of the commercial exhibitors at the conference. The morning conference program will begin with a discussion by Burton Eller, vice president of NCA for Legislative



H. Richard Farr

Matters, discussing some of the new governmental regulations which affect cattlemen and almost everyone else in agriculture. The title of his presentation will be "Texas, Estates, Government Programs— and Other Good Things in the Cattlemen's Life." Following will be Dr. W.R. Henning, Extension meat scientist at The Pennsylvania State University with the topic "Consumption Trends and Beef Outlook — What



John Meetz

Can We Expect From the 1990's?" John Francis, vice president for merchandising of the Beef Industry Council, Chicago, will follow with "The New Beef/Veal Check-Off Program — What's In It For You?". The National Beef/Veal Promotion Program, which is funded by the check-off started Oct. 1, will be in full swing by late February. Francis will detail the plans for using the check-off funds for promotion,



Roy Wallace

advertising and consumer education to increase the price of beef and veal products.

Following a lunch with special presentations, Mr. Roy Wallace, director of beef programs, Select Sires, Plain City, Ohio, will speak on the use of sire progeny information and how genetic programs influence the individual breeder's herds, and the influence on the total beef industry. Most of the Pennsylvania beef breed

associations will hold either membership or directors meetings immediately following Wallace's presentation.

There will also be a separate session for Cattle Feeders Saturday afternoon. Some of the topics to be discussed by Penn State specialists will be new forage concepts for the cattle feeder, the safety and effectiveness of growth promotants and antibiotics, handling newly arrived cattle to prevent losses and the effectiveness of different types of internal and external parasite treatments.

On both Friday and Saturday evenings there will be special new product beef hors d'oeuvres, and entertainment and dancing. There will also be special tours and lunches for spouses, including a tour of the Eisenhower home and farm, Alloway and Ashcombs Gardens, and other attractions. Registration for the conference will be open at 10 a.m., with a noon lunch Friday and the opening sessions starting at 1 p.m. Friday afternoon.

For more information contact Pennsylvania Cattlemen's Association, 862 Webster Drive, State College, Pennsylvania or the Department of Dairy and Animal Science, 324 Henning Building, University Park, PA 16802.

Phone: 814/863-3659 (days) or 814/238-5888 (evenings).

NY Cattlemen Urged To Support Checkoff At Convention

ITHACA, N.Y. — Beef cattle producers attending the annual New York Beef Cattlemen's Association annual convention Jan. 9 and 10 at the Sheraton Inn here were urged by their guest speakers to give the Beef Checkoff a chance.

John Francis, vice president of marketing, Beef Industry Council, National Livestock and Meat Board, who spoke following the Jan. 10 Awards Luncheon, discussed at length the research and promotion program being funded by the nationwide \$1-per-head Beef Checkoff.

He said promotion, consumer education, retail service and food service programs are all being designed to encourage more frequent use of beef with smaller portions. "A three-ounce serving of lean, trimmed beef is well within nutrition and dietary guidelines," he said.

"We have to sell beef on its strengths — taste, calories, and convenience," Francis said, adding, "we are appealing to the 'closet beef eaters' and telling them it is O.K. to eat beef, which has only 76 milligrams of cholesterol in a three-ounce serving and is one of the best sources of iron."

Francis outlined the national beef advertising campaign with its theme "Beef — Real Food for Real People" which was launched Jan. 12 with James Garner and Cybill Shepherd as spokespersons.

Francis said research programs will include veal marketing studies, dietary and health related studies and market development.

In his remarks Francis noted there will be a referendum on the Checkoff in 1988 and said "the heat is on" to produce results. He explained the research and promotion programs both on the national and state levels are the

responsibility of national and state Beef Councils.

Burton Eller, vice president for government affairs and policy coordination of the National Cattlemen's Association, was the banquet speaker Jan. 9, and, in discussing political issues affecting cattlemen, said the Beef Checkoff was one more example of cattlemen developing their own programs instead of asking Washington for subsidy help.

Henry Bono, chairman of the New York Beef Industry Council, said, "The Council is alive and well and response to the Checkoff has

been good." He said the State Beef Industry Council is accepting grant proposals to fund research and promotion projects with the Checkoff money being returned to the state. Proposals are due Jan. 31 and grants will be awarded by April 1.

Francis, concluding his talk, urged producers to support the Checkoff and the resulting promotion and research programs which he anticipates will "recapture the market for beef by reaching the light user, active lifestyle, health oriented consumer

with a back to the basics "Beef — Real Food for Real People" approach."



Pa. Angus Heifer Wins In Denver

ST. JOSEPH, Mo. — A full house was on hand for the 1987 Roll of Victory National Angus Show held during the National Western Stock Show in Denver, Colorado. The Stadium Arena seats and aisles were packed with spectators, breeders as well as exhibitors, making the Angus show in Denver one of the largest in recent years.

Some of the top quality Angus breeding cattle in the country were on display for this national event. Judge Jim Hough, Lakeville, Connecticut, and associate judge Eric Rincker, Gormley, Ontario, Canada, sorted through 172 Angus bulls and heifers during the two days of evaluation.

A 2,074 pound, May 1985 son of Cobble Pond New Yorker captured the title of grand champion bull. Broadway, also named the intermediate champ, is owned by Lee Miller and Family, Woodboro, Maryland, R&J Ranch, Briggs, Texas; and Springfield Angus Farm, Garner, North Carolina.

The reserve grand champion bull spot was filled by Premier Valedictorian. This February 1985, Ken Caryl Overdrive 304H son earlier won the junior champion ribbon. He weighed in at 1,833 pounds and is owned by Premier Angus Inc., Cloverdale, Indiana, and Northcote Farm, Forest, Virginia; Shady Brook Angus Farm, Leoma, Tennessee; and New Horizon Farm, Stuyvesant, New York.

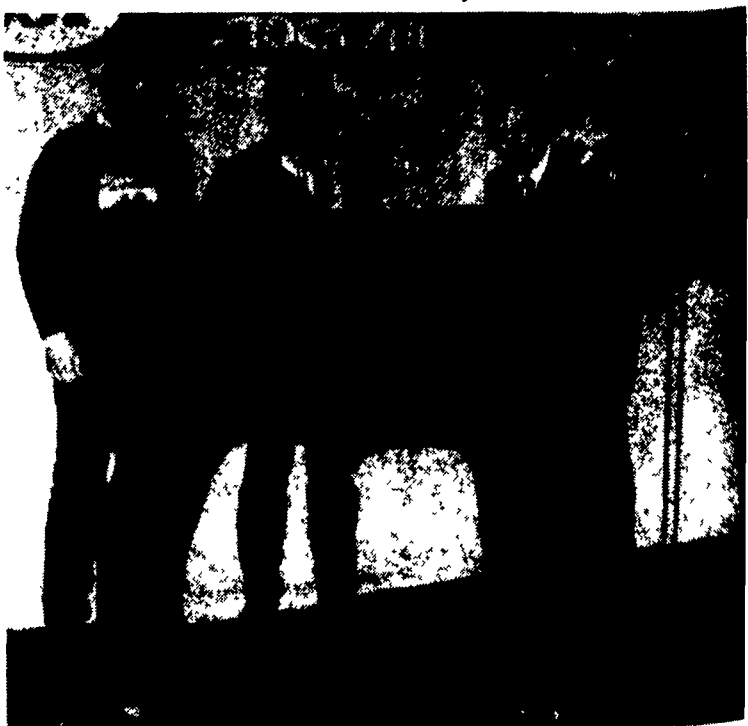
There were some very excited

owners in the female show after the judges slapped Nelson Gigi 5220 as their grand champion. The owners of this February 1985, Premier Celebration daughter are Clyde Nelson, Salmon, Idaho, and Robert and Evelyn Urquhart, Hamilton, Montana.

R&J Ranch led out the reserve grand champion female, R&J Julie 1975. She is a June 1985 daughter of R&J Rolex 2023. Her first title came when she was awarded the

intermediate banner.

Windac Coral stood as the spring heifer calf champion for Dixeylands Ranch, Fairfield, Virginia, and Double M Farms, Dublin, Virginia. The reserve spring heifer calf winner was CK Lucys Sable. She is owned by Richard Gregg, New Providence, Pennsylvania; Bill Conley, Clarksdale, Missouri; and Greg Krueger and Family, Coatesville, Pennsylvania.



CK Lucys Sable was reserve spring heifer calf champion at the National Western Stock Show's Angus Show held in Denver, Colorado recently. Owners are Richard Gregg, Greg Krueger and Family and Bill Conley.



Ag Preserve Movement Plows New Ground In New Jersey

BY ED SHAMY

Northampton Co. Correspondent
TRENTON, N.J. — Just as the vultures had begun wheeling over the top of New Jersey's farmland preservation program, the effort has shown signs of finally coming to life.

There has been a flurry of activity in Trenton and in Northern New Jersey in recent weeks that has shown the body isn't a corpse yet.

And while the 1983 Farmland Retention Act hasn't yet lived completely up to its billing, it has begun to attract the attention of legislators and landowners.

Just before Christmas, the legislature sent to Gov. Thomas Kean a bill that would allow six of New Jersey's most rural counties to offer farmers low-interest loans in exchange for the development rights to their farms. Kean hasn't yet signed the bill into law.

In the last days of 1986, the Hunterdon County Agriculture Development Board quietly purchased the permanent development rights to three farms, and the state revealed the county was eyeing a fourth farm for preservation.

And Hunterdon's neighbor to the north, Warren County, made some noise of its own on the preservation front by approaching a group of utilities about preserving a tract of the land they own.

There are still hurdles for New Jersey's farmland preservation program to overcome. Some can be solved with legislative tinkering and others are a quirk of the state's booming economy.

The New Jersey Assembly's Economic Development and Agriculture Committee staged a hearing near Flemington in late November on how it could help the preservation law become more effective.

The message from farmers and preservationists rang clear: Cut us a swathe through the massive pile of red tape between an interested landowner and the purchase of his development rights and we will deliver the acreage for farmland preservation.

Bureaucratic Maze

Raritan Township, Hunterdon County dairy farmer Ernest Kuster, who chairs the county's agriculture development board, told the committee that the 18-month-long bureaucratic maze that

farmers had to put up with was discouraging them from entering the program.

He asked the committee to figure out a way to speed up the process. Kuster suggested to the committee, which included the Farmland Retention Act's primary sponsor, Assemblyman Richard Zimmer (R-Hunterdon-Warren) that the state and the counties join financial forces to hire more full-time workers to administer the program.

Assemblyman Robert Shinn (R-Burlington) suggested that the state contemplate contributing 75 percent of the cost of purchasing development rights from farmers.

Under the existing law, the state and counties split the cost of buying the development rights. Municipalities are free to contribute to the counties' share, though few have done so.

It was left to the state's Secretary of Agriculture, Arthur R. Brown Jr., to advise the Assembly committee of the sober reality of the farmland preservation program. It will soon need more money.

The state is now using \$50 million in bond money approved by voters

in 1981 to pay its share of development rights purchases.

But New Jersey's healthy economy has driven the price of farm real estate above \$3,500 per acre; on the average, higher than any other state in the country.

Brown declined to put a price tag on the program, but told the committee a successful push to preserve farmland from developers will cost taxpayers a lot of money.

The quickened pace of development has taken its toll in Warren County, where county freeholders found their facilities inadequate and had to build a new county jail and a new administration building.

The county also financed the construction of a \$45 million energy-from-refuse plant — New Jersey's first — to combat growing solid waste disposal woes.

Freeholders have been reluctant to seek more bond money to fund farmland preservation in the heavily rural county, despite a non-binding referendum in 1983 in which voters overwhelmingly approved \$3 million for the program.

Low Interest Loans

The freeholders asked the Warren County Agriculture Development Board to devise a less costly strategy, and the board came up with the idea of loaning to farmers, at low interest, enough money to buy farmland.

In exchange for the loans, the farmers would agree to forever prohibit development on the land. The revolving loan fund could be used to help more farmers compete with developers in the bidding for the county's diminishing farmland.

There was only one catch to the plan. Counties in New Jersey were not permitted to loan money to

private individuals.

Zimmer sponsored legislation in the Assembly and State Sen. Wayne Dumont Jr. (R-Warren-Sussex) sponsored the bill in the Senate that would clear the way for the preservation loans.

While the Warren development board waited for Gov. Kean to sign the bill — which would allow Warren, Hunterdon, Sussex, Gloucester, Cumberland and Salem counties to offer the loans — it opened a new front on the preservation push.

The board asked the Merrill Creek Owners Group to voluntarily enroll about 100 acres of farmland it owns in Harmony Township in the farmland preservation program.

The proposal, now under owners group scrutiny, would preserve the acreage that has been eyed by the county's five vocational agriculture teachers as a field classroom.

The owners group — made up of seven power companies from New Jersey, Pennsylvania and Delaware — is building a 650-acre reservoir in Harmony and owns several thousand acres on the site.

Hunterdon County was busy as well, spending \$570,000 to buy the development rights to about 240 acres of farmland in Delaware Township.

A 90-acre farm belonging to Mr. and Mrs. Henry Fisher; a 70-acre farm belonging to their sons, Charles and Robert Fisher; and a 80-acre farm held by the New Jersey Conservation Foundation were officially enrolled in the preservation program at the end of 1986.

The county opted to buy the development rights without the state's financial assistance to accelerate the purchase and to

(Turn to Page D4)

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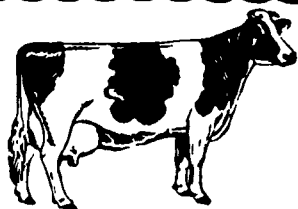
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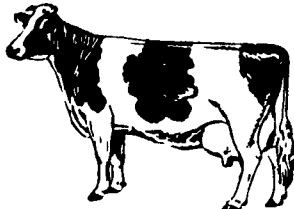
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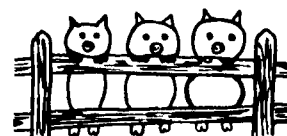
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NJ Ag Preserve

(Continued from Page D3)

help the landowners take advantage of the capital gains exclusion of the income tax law that expired Dec. 31.

Hunterdon will seek reimbursement for half of its investment from the state.

First Preserves

Last year, Hunterdon County became one of the first in the state to buy permanent development rights to a farm when it paid \$143,505 to Ted and Susan Blew for the easements to their Franklin Township farm. Only Burlington County had purchased development rights earlier.

Now, another Delaware Township farm is being eyed for preservation. Appraisers are being assigned to establish the agricultural and development worth of a 122-acre grain farm belonging to Harry Michalenko.

Michalenko would be paid the

difference between the worth to farmers and the worth to developers.

More than 12,000 acres of the state's 900,000 acres of farmland have been enrolled in the program's eight-year preservation effort.

Landowners are not compensated for their agreement not to develop their land for eight years, but they do become eligible for soil and water conservation matching funds from the state when they enroll.

They are also assured protection under New Jersey's Right-to-Farm law and, in municipally-approved programs, are guaranteed that the zoning of their land won't be changed for 11 years from their date of entry into the program.

New Jersey's farmland preservation effort has endured three lean years, but as the curtain opens on its fourth, there are signs that activity is on the rise.

RACINE, Wisc. — Four full-color brochures describing each model of the Case IH 200 Series tractor line are now available. The two-page brochures highlight features of the under-40 hor-

Info Available On Case IH Tractors

sepower series. The compact, versatile tractors are designed to tackle a wide variety of smaller-scale applications with power and agility.

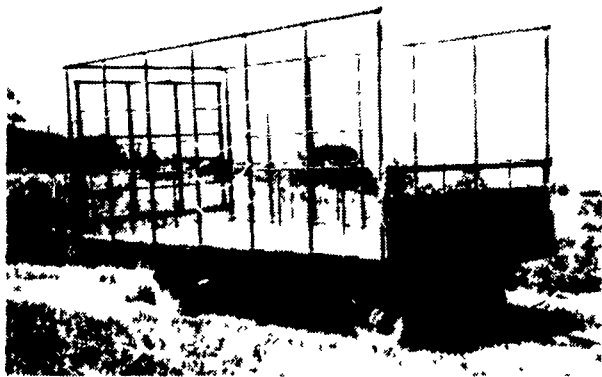
The four brochures entitled

"Model 235 Tractor," "Model 245 Tractor," "Model 255 Tractor," and "Model 275 Tractor" are available from Marketing Public Relations, Case IH, 700 State St., Racine, WI 53404.



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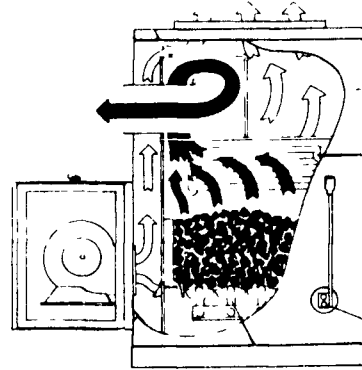
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Former NCA President To Address Simmental Convention

BOZEMAN, Mont. — Jo Ann Smith, Micanopy, Florida, the immediate past president of the National Cattlemen's Association, will headline the Cattlemen's Forum during the 19th Annual Meeting and Convention of the American Simmental Association. ASA's Convention will convene in Nashville, Tennessee Feb. 19-21.

Smith served as NCA President during 1985, and currently serves as chairperson of the 113-member Cattlemen's Beef Promotion and Research Board. This group has the responsibility for administering the industry's national check-off and promotion program. She also is a member of President Reagan's Advisory Committee on Trade Negotiations. Her presentation is entitled "In-



Jo Ann Smith

fluencing Demand for Beef."

The Cattlemen's Forum also includes a panel of producers who are involved in cattle feeding and packing. Moderated by Roy Wallace of Select Sires, Plain City, Ohio, the panel will discuss "Producing for the New Beef Industry." Members of the panel are Dr. Dean Danilson, coordinator of the American Light Beef Association, Auburn, Alabama; Max Deets, general manager of Solomon Valley Feedlot, Beloit, Kansas; and Leon Miller, president of Alta Verde Industries, Eagle Press, Texas.

Headquartered at the famed Opryland Hotel in Nashville, the Convention schedule offers a number of recreational events in addition to formal Convention activities.

Chiangus Classic Will Feature Black Steer Show

OZARK, Ark. — The 1987 Chiangus Classic, scheduled for Nov. 7 and 8, 1987 in Tulsa, Oklahoma, will introduce a black steer show. All steers in the show must be black, no baldies, brockle-faced cattle or reds. The steer show is designed essentially the same as the breeding cattle show with sponsors who are primarily

working in the production, marketing and promotion of the highest quality show steers.

Another feature of the Chiangus Classic Black Steer Show will be that all prize money will be paid in cash as each winning exhibitor leaves the show ring.

The three men judging each year's Chiangus Classic breeding

show will also judge the Black Steer Show. Judges for the 1987 Chiangus Classic will be Dr. Harlan Ritchie, Michigan State University, East Lansing, Michigan; James C. Linthicum, JCL Cattle Company, Welch, Oklahoma; and Dr. John Edwards, Texas A&M University, College Station, Texas.

RPM Holds Winter Hog Sale

BEAVERTOWN — On Jan. 16, RPM Farms, Beavertown, held their annual winter sale, with receipts totaling \$67,600 for the 195 head. The 104 head of purebred boars and gilts averaged \$453.

The top-selling animal was Lot 105, selling for \$1075, purchased by Daily Strickland, Nichols, SC. The hog was a Yorkshire boar, RTB6 Paramount 97-3.

The top-selling Yorkshire bred-gilt was Lot 33, purchased by Florence Confer, State College, for \$550. The top-selling Landrace bred-gilt was Lot 55, purchased by Daily Strickland, SC. for \$575. The

top-selling Landrace boar was Lot 114, purchased by Heber Cox Washington, NC. for \$500.

Sale averages were as follows:

- 31 Yorkshire bred gilts \$449.
- 43 Yorkshire Boars \$464.
- 74 Yorkshires \$458.
- 25 Landrace Bred Gilts \$464.
- 5 Landrace Boars \$342.
- 30 Landrace \$442.
- 91 Commercial Open Gilts \$226.

The auctioneer was Mike Jones, West Point, Ga. This sale offering sold into 11 different states. RPM Farms' spring sale is scheduled for Apr. 10.

Charolais Assoc. Names New Leader

KANSAS CITY, Mo. — Willard Walker of Walker Charolais Ranch at Springdale, Ark., assumed the leadership role of the American-International Charolais Association at the recent annual membership meeting in Denver, succeeding Tim Reich of Belle Fourche, S.D. The AICA represents approximately 3,300 Charolais and Charbray breeders from throughout the United States and several other countries.

Headquarters for the 1987 Chiangus Classic and Black Steer Show will be the Doubletree Hotel, 6100 South Yale, Tulsa, Oklahoma. For more information call Jack Phillips at (501) 667-4876 or write: Chiangus Classic, Inc., POB 658, Ozark, Arkansas 72949.

Walker, an AICA member since 1968 and active in Charolais affairs, was first elected to the AICA Board in 1980. He served as the treasurer in 1983 and 1984 and was re-elected as Area 10 director and vice president in 1986. In addition, Walker has been a member of the Rules and Ethics Committee for many years and served on the relocation committee when the AICA office was moved from Houston to Kansas City.

Willard and his wife, Pat, have been extremely supportive of the American-International Junior Charolais Association. To assure that some of these young breeders can further their educations, the Walkers recently made a generous donation of \$50,000 to the AIJCA scholarship fund.

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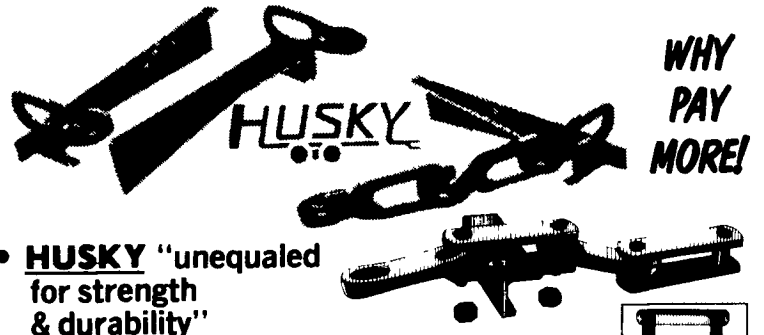
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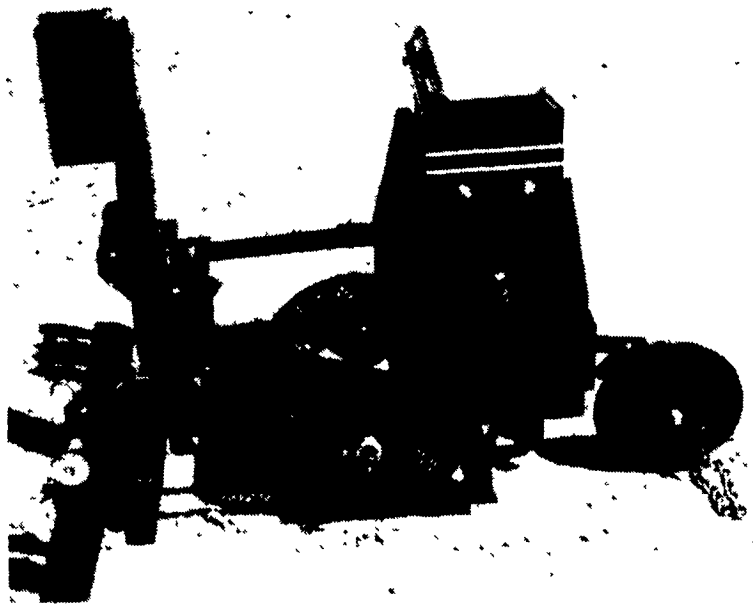
WARSAW, Ind. — Unverferth Manufacturing, Kalida, Ohio, is now providing ruggedly constructed, fast unloading, 475- and 600-bushel grain carts.

The carts use Slip Plate coating, a 12-inch auger with adjustable damper, and sump-type pit to unload in as little as three minutes. Center dump gate, hydraulic auger lock, and unique, torque-bar-

protected, bolt-on axles are all standard.

Other features found on carts include a shear-pin equipped oscillating hitch, a movable drop-leg jack, precision-ground gears, and a drive line slip clutch.

For free literature, contact Unverferth Manufacturing Co., Inc., P.O. Box 357, Kalida, OH 45853. Phone 1-800-537-3121.



The Tye Company's Tye Jr. planter meters both small and large seeds accurately.

Vegetable Planter Adapts To Home, Specialty Use

LOCKNEY, TX — The Tye Company's new Tye Jr. garden/vegetable planter can be adapted to meet the planting needs of home gardeners, small acreage farmers and specialty vegetable growers.

Tye Jr. planting units mount to 2-, 3-, or 4-inch toolbars by a parallel linkage for accurate and uniform planting. Seedbeds are firmed just ahead of the planting unit by a drive roller. The seed furrow is established by a hoe-type opener.

Tye Jr.'s fluted seeder accurately meters small seed, like carrots and spinach, or large seed,

like beans and sweet corn. After the seed is deposited in the furrow, a soil firming wheel and covering chain establish soil/seed contact while maintaining uniform seed depth control.

Tye Jr. is available in single and double row units. Double row units plant two rows from 3 to 8 inches apart. Additional planting units can be mounted on the same toolbar for multiple row planting.

For more information on the new Tye Jr. garden/vegetable planter, contact A.O. Smith, The Tye Co., Box 218, Lockney, TX 79241, 806-652-3367.

Monsanto Lowers Herbicide Prices

ST. LOUIS, Mo. — Monsanto Agricultural Company, an operating unit of Monsanto Company, today announced new lower prices for Lasso herbicide and other products in that herbicide family.

The lower prices, effective immediately, will vary by dealer. Products with the new lower price include: Lasso, pre-mixed Lasso and atrazine, Lasso Micro-Tech,

Ramrod, pre-mixed Ramrod and atrazine, and Bronco herbicides.

"The U.S. farm economy has been suffering severe problems in the last several years," said Jerry L. Neff, product director at Monsanto, "but we are beginning to see the start of a possible turnaround. We want to help farmers make that turnaround happen, and we believe the new lower prices for these herbicides will help.

"This is not a rebate or cash-back program, so farmers will not encounter the problems and delays often associated with coupon redemptions or rebate programs," he added. "They can realize the savings immediately, at the time of purchase. Farmers can contact their dealers for more information on Monsanto's 'Instant Savings' program."

Lasso and pre-mixed Lasso and atrazine are used to control many annual grasses and broadleaf weeds in corn, soybeans, milo, peanuts and other crops. Ramrod and pre-mixed Ramrod and atrazine are used to control selected weeds in corn and milo. Lasso Micro-Tech is used for weed control in soybeans and Bronco is used for pre- and post-emergent control of annual grasses and broadleaf weeds in corn and soybeans in no-till and reduced tillage systems.

According to Neff, the new lower prices have the potential to help reduce crop input costs on approximately 150-million acres of cropland.

Baron Sets Record In 5-Acre Corn Contest

CAMP HILL — Doeblers' 75X has been popping big yields since it was first sold to growers in 1985. Over 240 bushels at Harrisonburg, Virginia; 220 bu. at Collegeville; 237 bushels at Pottstown; 201 bushels at Hurlock, Md.; and 217 bushels at Stockton, N.J.

But even the gang at Doeblers' Hybrids, Jersey Shore, Pa. wasn't quite prepared for the record shattering yield dairyman Larry Baron made with 75X last fall in Luzerne county, Pa... a whopping 281.6 bushels of dry shelled corn per acre. And in country better known for hard coal than champion corn crops.

The 281.6 bushels by Doeblers' 75X was the highest yield ever recorded in the 39 year history of the Pennsylvania Official Five Acre Corn Contest. It surpassed the old ear corn record set in 1984 by Dean Shoop, Juniata county, by a full 37 bushels, and also topped the old shelled corn mark made in 1981 by Jeff Pontius, Northumberland county, by 33.7 bushels.

Here's how Baron and Doeblers' 75X broke the record:

GETTING READY. Baron turned under a 12-year-old alfalfa sod topdressed with a heavy coat of manure. The Mardin Silt Loam tested pH 6 and classified Productivity Group 3. "But drainage was good and we had a southern exposure," Larry points out.

PLANTING. Big day was May 14. Larry stretched his growing season with the mid-season Doeblers' 75X, a 113 day single cross. He planted with a White 5100 No-Til Air Planter, with seeding rate set at 24,500 plants per acre on 30 inch rows. Some 200 pounds of 8-24-8 per acre went in the row. Another 100 pounds of actual N per acre was sidedressed at planting as a liquid. Bladex plus atrazine controlled weeds. Rotation took care of soil insects.

FOLLOW UP. Around July 4, Larry used drop tubes to dribble another 100 liquid N down the middles right ahead of the cultivator. "Rainfall was about perfect," recalls Baron.

HARVEST. The field was entered in state ear corn class. "But contest officials couldn't believe the yield," Baron reports. "They kept coming back for rechecks." Doeblers' 75X was harvested October 15 at 22 percent moisture. Official yield corrected to 15.5 percent was 281.6 bushels of shell corn per acre.

CROP STATS— Plant count was 21,542, with 99.1 percent erect. "Spacing was almost perfect,"

Larry says. Officially, it was 9.7 inches between stalks and the ears weighed close to 16 ounces. "I saw a lot of doubles," recalls Baron.

HOW ALL CORN SHELLED OUT. Baron only plants Doeblers' hybrids. In 1981 when he last ran yield checks on the full crop, he averaged 137 bushels on 178 acres. In 1986, he averaged 166 bushels on 174 acres, representing a full 29-bushel gain per acre in five years. His three favorites are Doeblers' 75X, 113 days, Doeblers' 70XSS, 111 days and Doeblers' 65X, 103 days.



Vice President Appointed At NE Farm Credit

LEWISBURG — Robert T. Reich, president of Northeastern Farm Credit Service, recently announced the employment of Donald K. Miller, as vice president-Finance & Administrative Services.

Miller is a graduate of Penn State University with a bachelor of science degree in business administration. Prior to coming to

Northeastern Farm Credit Service, he was employed for nine years by West Central Farm Credit Service, Uniontown, as vice president-Finance & Administrative Services.

Northeastern Farm Credit Service serves farmers in 16 counties in Northeastern Pennsylvania with an outstanding loan volume of \$90 million.

Farm Credit Reduces Interest Rate

BALTIMORE, Md. — The Farm Credit Banks of Baltimore announced an interest rate reduction from 10.75 percent to 9.50 percent in its 30-day variable rate mortgage loans, effective February 1.

In making the announcement, Gene L. Swackhamer, president of the Farm Credit Banks of Baltimore, said, "This reduction in the Federal Land Bank 30-day variable mortgage rate reflects our current financial strength and stability and our commitment to help our borrowers weather the stress in the agricultural sector." Swackhamer added, "Our objective is twofold - to maintain a sound operation while providing our customers with the best ser-

vice at competitive interest rates."

He said preliminary projections indicated that the 1.25 percent drop in interest rates could reduce earnings by as much as \$10 million in 1987. But, he added that the reduced earnings would not have a significant impact on the Banks' financial stability.

The Baltimore Banks last offered a 9.50 percent 30-day variable interest rate in 1979.

Currently, the Banks have more than \$1.8 billion in mortgage loans outstanding to over 29,000 borrowers. Of this \$1.8 billion total, approximately 63 percent represent 30-day variable rate loans, with the balance in other type mortgage contracts ranging from 3-to-15 years.

Economist Predicts 'Super Farms' At Farm Credit Meeting

LEWISBURG — Forty-six agricultural lenders and ag-related businessmen attended an "Agricultural Outlook" breakfast meeting sponsored by Northeastern Farm Credit Service of Lewisburg.

The event was held Jan. 15, at the County Cupboard restaurant in Lewisburg. Mr. H. Louis Moore, professor of agricultural economics at the Pennsylvania State University, addressed the gathering on "Where We've Been and Where We're Going."

The agricultural community has failed to share in the economic

recovery the nation as a whole has experienced, primarily due to overproduction and shrinking export sales in the grain market. Moore discussed the impact of the 1987 Grain Program, as well as the results of past efforts to reduce production.

On the brighter note, Moore predicts that the red meat industries (beef, pork, and lamb) will experience a good year, based on a trend of lower production.

Pennsylvania has several strengths which constitute the basis for a favorable outlook. Pennsylvania is near its product

markets. It has a strong base in a number of enterprises. The farmers are not strongly tied to the export markets.

Moore's long-range outlook for agriculture is that the industry will concentrate geographically, with efficient producers in all major areas. There will be a lower return on capital investment, and more emphasis will be placed on management, marketing, and genetics. The price-cost squeeze will be a continuing battle, and there will be fewer farmers as the trend towards "Super Farms" continues.

Agri Business Rep Says Dairymen Not To Blame For Bay Pollution

"It's time somebody stood up for our dairy and livestock producers," says Bob Martin of A. B. C. Groff Farm Equipment at New Holland. Farmers have been taking a bum rap. Environmentalists want to blame them for the pollution in Chesapeake Bay.

The accusation doesn't stand up when you look at the facts, Martin emphasizes, except for those farmers who aren't controlling soil erosion. When soil erodes into the streams and rivers, it takes plant food with it and does cause pollution, but it isn't necessary. It is not fair to blame the good farmers who are keeping their soil at home.

Dairymen, especially, get good marks from Martin because they have a lot of land in hay crops. That is the best protection against erosion, says Martin. Silage and grain producers who use no-till planting are doing their share to protect the bay too. No-till planting with some trash left on top of the ground between the rows slows, or eliminates, run off.

Some experts want to claim we are producing too much manure and that this is the problem for the bay. Again, the claim doesn't hold up if you stop to think about it, says Martin. Of course there is a problem if the soil erodes.

It's only the big confinement poultry and hog operations that have more manure than they use for crops, and these systems aren't really comparable to dairy farms.

Dairymen are recycling the plant food in the manure to grow the next year's crops. Almost all have more acres than they need to use the manure without a nutrient buildup. The majority could add a lot of cows before they reach the limits.

If we grow corn for silage and plant barley, rye or wheat in that land after silage harvest we can take off a cereal silage crop in the spring by the time it's time to plant corn again. If we do that we can take off eight to twelve tons of wheat silage in addition to the 25 tons of plant food. Three hundred pounds of nitrogen, 100 pounds of phosphate and 250 pounds of potassium is about the amount you can expect to remove per acre in the silage.

That is more plant food than you could expect to haul out to the field from a large, high producing cow in a year's time, Martin points out. This simply means we could increase dairy stocking rates to a cow per acre before we start to crowd the limit; and that isn't counting the hay land.

The environmentalists want to subtract our hay land when they talk about the acres available for spreading manure. This is an illusion too! They get away with it until you think about it. We usually don't like to spread manure on alfalfa during the life of the stand, but we know we can put on a lot of manure in the year before seeding alfalfa. That way we put the plant food "in the bank" for later use



Bob Martin, Groff's Farm Equipment at New Holland says it's time somebody stood up for dairy and livestock producers who are being blamed for pollution they aren't causing. He says dairymen can increase cow numbers before they approach the safe limits of land for manure disposal.

while the alfalfa is producing. That puts the alfalfa acres back into the picture for land available for spreading. When you do that you see we don't have too many cows at all.

We would have plenty of land for the poultry and hog manure too if we had the acres used to grow the grain consumed in the confinement systems. There is a problem where

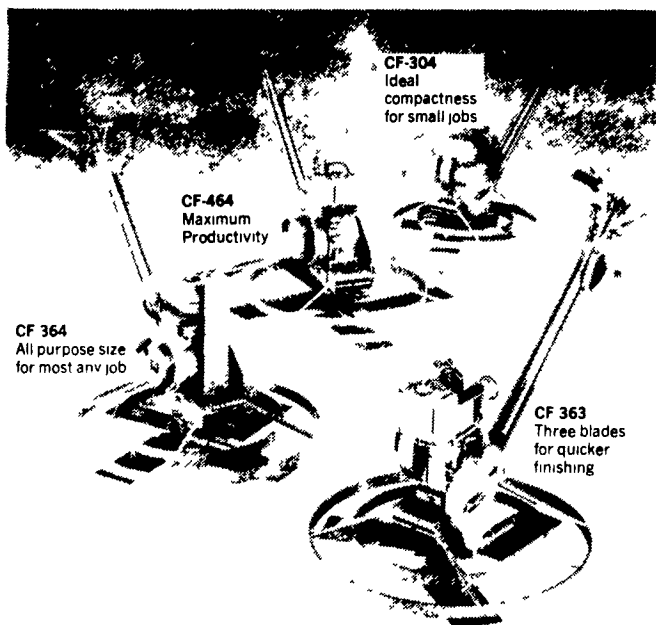
the grain is bought in and the land isn't available for manure spreading.

However, it already appears we can solve this one too. Composting poultry and hog waste "tames the bear." You don't need all the corn cobs that come with the shelled corn to mix with the manure to get good compost, and compost is a cash commodity now-a-days, notes

Martin. People are glad to buy it for lawns, flower gardens and indoor plants.

Take it all together, we shouldn't be scolding our farmers for the problems in the Chesapeake Bay, except for those who aren't controlling erosion, says Martin. The real problem is the pollution from the towns and industry, but nobody wants to say much about that. It's easier to go after farmers.

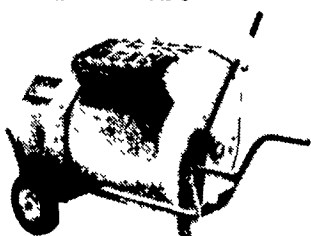
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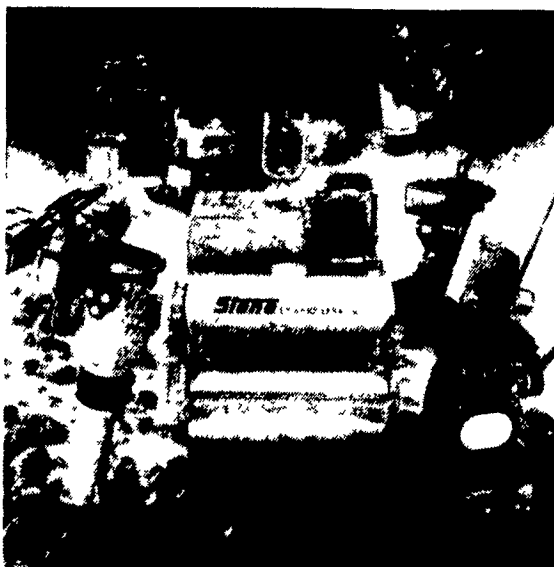
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Financial Records Expedite Farm Loan Approval

NEWARK, Del. — Farmers who plan to apply for credit later this winter should take steps now to develop a financial prospectus they can use when contacting a lender. Preparing the prospectus will help them become better business managers and also speed the loan application process.

"Whether you're applying for a new loan or renewal of an existing one, it's best to present the potential lender with a properly prepared financial prospectus," says University of Delaware extension economist Gerald F. Vaughn.

For many years, agricultural loans were handled through arrangements that continued indefinitely without serious examination of the basis for credit. Today's financial conditions have brought that practice to an end.

In most cases now, when a farmer applies for credit the lender wants to know the recent history of the farming operation, its current financial condition, the nature of the operation, the farmer's management goals and future plans, plus the type and amount of credit needed. This information is used to evaluate the applicant's needs and capabilities,

including the ability to repay the loan.

Meeting these requirements means the application process takes much longer than before. "Well-kept farm financial records can ease the task," Vaughn says. "Without such records you may have to put in many hours of concentrated effort to complete an accurate balance sheet and cash flow projection. Assembling poorly kept information can take considerable time just when spring work needs to be done."

The economist suggests that, to avoid future delays when applying for credit, farm operators use housebound days this winter to prepare a financial prospectus.

"Start by assembling and analyzing the basic information on your farm business and put it in good written form," says Vaughn. "Then, when the time comes to ask for your loan, plug in current financial information, make copies and you'll be ready to talk to a lender."

The economist says to include the following basic information in your prospectus:

- A brief description of the farming unit (the people, crop and pasture acreages, livestock

numbers);

- Land tenure information, including acres of owned and rented land, rental rates and the nature of rental agreements, ASCS crop base and yield data, and information about any significant changes in land tenure during the past several years;

- Goals and plans for farming operations and family life during the next few years;

- Copies of balance sheets, income tax returns and inventory records for at least the past three years. If you don't have inventory records, be sure to include information from your records that indicates the extent to which you have held over inventory each year.

Shortly before contacting prospective lenders, update your prospectus by adding the following information to it:

- A current balance sheet;
- A crop plan and (if appropriate) a livestock plan for the coming year;
- A cash flow projection based on these plans;
- A current income tax return;

- Any other items known to be of interest to the lender.

"Whether you're applying for a new loan or seeking to renew an

existing one," concludes Vaughn, "a well-prepared financial prospectus can show potential lenders that you understand your farm business."

Fluorescent Lights Reduce Costs

NEW BEDFORD, Mass. — In tests conducted at a North Carolina layer facility, American Light's Litex poultry light reduced annual lighting costs and proved to be resistant to corrosion. New developments have also corrected light distribution problems, according to the company. The tests were conducted by North Carolina State University.

Two identical curtain-sided, double-decked cages, for a total of 32,000 bird houses, were used for the test. Both time clocks were set at 17 hour photoperiods. All bulbs were 9.5 feet from the floor and spaced at 10 feet between bulbs. Separate power meters were wired into the lighting circuits of each house. Light intensity was essentially equal.

The fluorescent lighting system consisted of 105 nine-watt

fluorescent fixtures and a photocell circuit to turn the lights on. The incandescent lighting system was made up of 105 sixty-watt incandescent bulbs controlled by a solid state light intensity controller which restricted the light intensity and power usage of the system in periods when less than full wattage was required.

Twenty-week-old birds were placed in the houses for a test period of 46 weeks. Conclusions show that the performance of the two houses was essentially identical which means the light source had no influence on the performance of the hens.

The test did show that the fluorescent system required less electricity. The cost of the bulb and ballast fixtures pay for themselves in 3 to ten months, depending on the length of daily usage and the wattage of the units replaced.

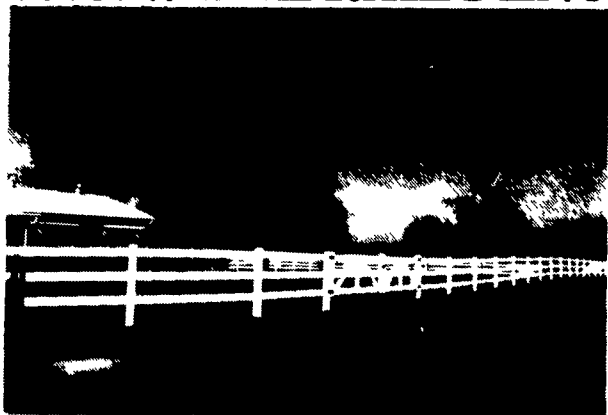
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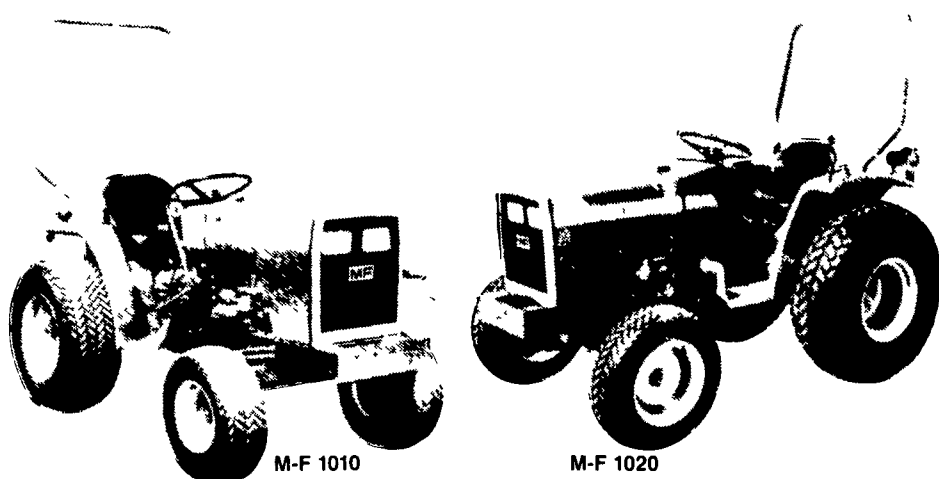
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Seed Treatments Give Soybeans Edge Against Fungus

DEKALB, Ill. — Fungi carried with seed or in the soil can impair soybean stands and reduce yields, reports a seed company agronomist. That's why a growing number of seed companies are offering a variety of fungicide treatments for soybean seed.

Bob McCauley, regional agronomist for DEKALB-PFIZER GENETICS, says, "Seed treatment with fungicides is always good insurance against these problems." Such treatments will have greatest benefits where low seeding rates are used and where delays in germination or emergence are likely.

During the developmental stage between seed germination and seedling establishment, the soybean plant often requires chemical protection from seed rots and seedling blights. Particularly if the soils are cold and wet or excessively dry, the rate of germination and seedling emergence is retarded, McCauley observes. The seed and seedlings are more susceptible to fungi attack.

Some of the soybean fungicides have familiar names - like captan and thiram - which are used on seed corn and other crop seeds, the agronomist adds. These protective fungicides are used routinely and provide protection against many seed rot and seedling blight organisms.

"Newer fungicides, such as metalaxyl (Apron), have systemic-type activity and are absorbed into the plant's system,

protecting the plant from within and are directed toward specific problems," McCauley continues. "Metalaxyl, for example, controls *Pythium* and *Phytophthora* seedling blight, and should be used where these diseases are likely to be important, especially on soybean

varieties with field tolerance to *Phytophthora*."

The agronomist states Vitavax-200 contains two fungicides - carboxin and thiram - which help control seed-borne fungal diseases such as *Phomopsis* (pod and stem blight). "carboxin also will

provide better control of *Phytophthora* seed rot and damping off than other fungicides," he says.

The costs of soybean seed treatments vary, depending on the fungicide chosen. McCauley observes that almost all treatments can be paid for by a one bushel per

acre yield increase.

These costs are low when one considers the true costs of replanting. "Costs of replanting include not just seed, fuel, machinery, and labor but also the yield penalty for late planting," the agronomist points out.

Tax Time Is Time To Aid Wildlife

HARRISBURG — It's tax time again, but this year there is something "Wild" on the Pennsylvania tax forms. Line 19C on the long form and line 10C on the short form gives you the opportunity to help protect Pennsylvania's reptiles, amphibians, native wild plants, and nongame wildlife. These two lines enables you to contribute all or part of your state tax refund to the Wild Resource Conservation Fund.

This fund has been established by the state legislature to help finance nongame wildlife and wild plant programs carried out by the Pennsylvania Fish Commission, Game Commission, and Department of Environmental Resources. Your contribution will help fund projects in Pennsylvania to reestablish a population of ospreys and river otters. Field studies will be undertaken to collect information on rare amphibians and reptiles and help prevent some three dozen fishes, amphibians, and reptiles from becoming endangered.

Thirty-four states have adopted

similar tax checkoff funded programs for nongame wildlife. However, Pennsylvania's Act 1982-170 is unique in that it is the only program which has included wild plants. Important research on Pennsylvania's native flora is underway to identify and protect special wild plant populations. This Act also provides for the purchase of habitat vital to the survival of endangered and threatened species of both plant and wildlife.

Historically, license fees paid by sportsmen have financed the operation of the Fish Commission and Game Commission. Though many nongame species benefit from game management practices, the Wild Resource Conservation Fund provides an opportunity for all Pennsylvanians, not just the sportsmen, to share in the effort to protect nongame wildlife and rare plants.

If you do not receive a refund, or if you wish to give more than your refund amount, you may contribute directly to the fund. A check or money order made

payable to the Wild Resource Conservation Fund may be mailed to: P.O. Box 1467N, Room A1-85, Harrisburg, PA 17120. Your contribution, whether by tax refund or direct contribution, is tax deductible and may be claimed on your Federal return next year.

Tax overpayments of \$1 or less are not normally refunded by the Department of Revenue; however, overpayments of less than a dollar

can be donated to the fund. Any amount helps, even amounts less than a dollar when added together can mean a lot to the program.

Look for the Owl and the words "Do Something Wild" on your tax form instructions.

For further information write: Wild Resource Conservation Fund, P.O. Box 1467N, Harrisburg, PA 17120.

Insurance Agency Appoints Manager

MONTICELLO, N.Y. — Dennis J. Hewston has joined Rhulen Agency, Inc., and assumed the position of farm division manager. The announcement was made by Peter L. Rhulen, president of the agency.

Headquartered in Monticello, New York, the Rhulen Agency is North America's largest equine-related insurance specialist with 330 employees and a nationwide network of branch offices.

Before joining Rhulen, Hewston was director of underwriting for an



Dennis J. Hewston

equine insurer. Prior to that, he had served as assistant vice-president/product management for the INA Farm Center and state manager for Insurance Services Office in Delaware and Maryland.

Hewston is a graduate of East Carolina University from which he holds a bachelor of arts degree in Geography. He is also a Certified Insurance Counselor (CIC), a member of the International Arabian Horse Association and the Old Dominion Arabian Horse Association.

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State Losing 70 Million Tons Of Topsoil Annually

LEESPORT — "Pennsylvania has some of the most productive farmland in the Northeast and produces an abundance of fresh wholesome meat, poultry, dairy, fruit, and vegetable products," says John Fior of the USDA Soil Conservation Service. "However, much of this food is shipped to out-of-state markets," adds Fior. Ironically, Pennsylvanians must import about 70 percent of the foods they eat. "Pennsylvania must provide local farmers with stronger economic incentives to capture a larger share of the local food market," says Fior.

"Unfortunately, Pennsylvania farmland is being seriously threatened by changing economic and land use patterns," says Fior. National efforts by the administration in the early 1970's to increase food production to meet projected foreign market demands encouraged farmers to convert millions of acres of prime farmland into continuous row crop production. Millions of additional acres of marginal farmland, hayland, and pastureland were plowed under and put into crop production. Conservation practices such as contour strip-cropping, diversions, terraces, and waterways were often plowed up to accommodate the larger equipment necessary to farm the additional acres.

Record harvests followed, but topsoil began eroding at alarming rates and has become a serious problem in many areas of the state. "Over 70 million tons of productive topsoil is washed annually into Pennsylvania's streams and rivers," says Fior.

"The decline in foreign grain

markets in the late 1970's and early 1980's after several years of record sales sharply cut the price of grain," says Fior. United States farming technology greatly increased food production capabilities in developing nations, giving them greater independence. Farmers' profits declined dramatically. Many farmers have been unable to manage large loan payments resulting from investing in additional land and equipment.

Facing heavy business losses, bankruptcy, and foreclosures many farmers have sold their best farmland to land developers and private industry. "Pennsylvania is losing over 50,000 acres of prime farm land annually to development," says Fior.

"We must make the right economic and land use decisions and implement the proper conservation practices today if

Pennsylvania agriculture is to survive and future generations are to prosper and maintain a high standard of living tomorrow," says Fior. The public must be made aware of the serious consequences of uncontrolled soil erosion. Soil productivity cannot be maintained with heavy topsoil losses. Crop production gradually declines until it becomes unprofitable to farm even with lime and fertilizer. Many

soils have been eroded so badly they will never be productive again, even if the best conservation measures are applied.

The Soil Conservation Service has developed a series of film and slide programs that graphically illustrate the problems of soil erosion nationwide and offer various solutions. For more information contact your local Soil Conservation Service office.

by Robert Leiby and
David L. Dunbar

Lehigh Co. Extension Service

The secondary nutrients, calcium, magnesium and sulfur, play a variety of roles in plants. Calcium is an integral part of plant cell walls. Calcium deficiency is rare among agronomic crops under Pennsylvania conditions. When a soil is properly limed to maintain an optimum pH level, the calcium is usually adequate for agronomic crops. Magnesium, a key component of chlorophyll, plays a critical role in photosynthesis. Magnesium deficiency is characterized by white stripes between the leaf veins. Magnesium is best supplied by a limestone that contains this nutrient.

Sulfur is a common component of proteins and vitamins. Sulfur-deficient plants have a general yellowing and are very spindly. Symptoms of sulfur deficiency are similar to those of mild nitrogen deficiency, except that they appear sooner in new growth than in old growth, since sulfur is not mobile in the plant. Under Pennsylvania conditions, sulfur

deficiency is not common. Rainfall supplies significant amounts of sulfur and, since much of the cropland in the state receives manure applications, the sulfur is efficiently recycled.

The micronutrients are important in facilitating many of the processes important for plant growth. There are several reasons why Pennsylvania has very few micronutrient problems: (1) the heavier loamy mixture of our soil helps to maintain adequate levels of micronutrients (sandy textured soils, by contrast, often show micronutrient deficiencies); (2) the slightly acidic nature of our soils helps to maintain micronutrient solubility; and (3)

since Pennsylvania agriculture is largely based on animals, much of our cropland gets periodic applications of manure, a good source of micronutrients.

Of the micronutrients, boron and zinc are the only two that occasionally are deficient in the state. Boron deficiency can be overcome by periodically applying boron when topdressing alfalfa. Even rarer is zinc deficiency, sometimes observed on corn, particularly when phosphorus levels become excessive from overapplication of phosphorus fertilizer. Symptoms on corn appear as a broad white band on either side of the midrib of the corn leaf. Zinc deficiency can best be

corrected by application of zinc in the starter fertilizer; routine application of zinc is not recommended. The lack of general response to micronutrients has made it difficult to calibrate a micronutrient soil test for use in Pennsylvania. In addition, it is not possible to rely on calibrations developed for other soil, climatic and cultural systems. The best tool available for evaluating the micronutrient status of plants is plant tissue analysis.



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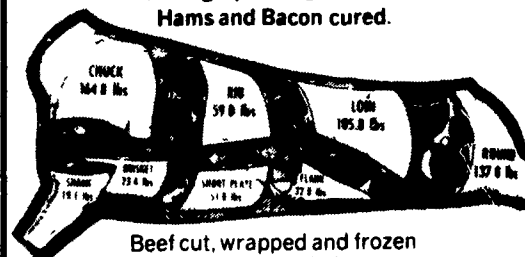
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Buyout Program Shifts CCC Dairy Product Purchases

Editor's Note: This is the second part of Jack Kirkland's report on the influence of the buyout program on the government's purchases of dairy products. The first part of Kirkland's report can be found on page D16 of last week's issue.

BY JACK KIRKLAND
Penn State Dairy
Marketing Specialist

Total purchases of butter in 1986 was 6 percent lower than in 1985. Purchases of butter from the Eastern and Midwestern regions were higher while purchases from the West were lower in 1986 than in 1985. For the first 11 months in 1985, 5.7 percent, 45.7 percent and 48.6 percent of the butter purchases came from the Eastern, Midwestern and Western regions, respectively. For that same period in 1986, 9.6 percent, 53 percent, and 37.4 percent of butter purchases came from the Eastern, Midwestern, and Western regions respectively.

Purchases of cheese declined 25 percent in 1986. Cheese purchases from the Midwestern and Western regions declined while cheese purchases increased from the East. In 1985, 1.6 percent, 87 percent, and 11.4 percent of cheese purchases came from the Eastern, Midwestern and Western regions, respectively. In 1986, 2.6 percent, 84.4 percent, and 13 percent of cheese purchases came from the Eastern, Midwestern, and Western regions, respectively.

Purchases of nonfat dry milk was 5.3 percent lower in 1986, the lowest decline in CCC purchases of the three products. Purchases of NFDM declined in all three areas. In 1985, 12.6 percent, 42.3 percent, and 45.1 percent of NFDM purchases came from the Eastern, Midwestern, and Western regions,

respectively. In 1986, 12.8 percent of NFDM purchases came from the Eastern region, 40 percent came from the Midwestern region, and 47.2 percent came from the Western region.

The proportion of CCC purchases from the Eastern region increased slightly for all three commodities in 1986. The Midwestern region's share of total purchases increased for butter but decreased for cheese and NFDM. The proportion of cheese and NFDM purchased from the Western region increased slightly while the proportion of purchases of butter decreased slightly. Although there was changes in the proportion of the commodities purchased from the three regions, the majority of butter and cheese was still purchased from the Midwestern region in 1986. The majority of the NFDM purchases still came from the West.

Some factors causing this overall decline and change in the proportions purchased from the regions are probably differing rates of decline in production and, similarly, differing rates of increase in demand between the three regions.

By looking at the Milk Equivalent of CCC commodity purchases for 1986, a clearer picture of the effect of the whole herd buyout program and an increasing consumption of dairy products can be seen. The purchases of products in the first half of 1986 exceeded that of 1985 in almost all months.

However, as cows were sold under the buyout program and as declining cow numbers began to affect production, and, subsequently, the surplus milk situation, CCC purchases began to decline sharply and were

Milk Equivalent of CCC Purchases, 1983 through 1986

	----- Million Lbs -----			
	1986	1985	1984	1983
January	2,194.5	1,490.5	1,997.6	2,257.6
February	1,858.9	1,397.2	1,306.6	1,832.5
March	1,072.4	1,300.6	993.9	1,502.6
April	1,886.5	1,700.6	1,045.0	2,405.6
May	1,375.6	1,352.2	906.1	1,694.4
June	1,190.9	1,315.8	721.0	1,674.7
July	711.6	1,240.4	627.9	1,646.0
August	144.1	753.7	202.5	941.3
September	155.6	769.6	88.0	617.5
October	144.0	783.0	125.1	716.3
November	22.3	593.7	81.2	637.8
Total	10,756.4	12,697.1	8,094.9	15,926.3

significantly lower than equivalent period purchases in 1985.

CCC M.E. purchases were 15 percent lower for the 11-month period in 1986 than in 1985 and 32 percent lower than in 1983.

The effects of the buyout program were very similar to those of the diversion program. In 1984, as the diversion program began to take effect, there was a sharp decline in CCC M.E. purchases and they were significantly lower, by 47 percent, than equivalent period purchases in 1983.

As the diversion program ended, production and CCC purchases went back to almost the same levels, but not quite, as in 1983. CCC M.E. purchases were significantly higher in 1985, from March on, when compared to 1984.

In 1985, CCC M.E. purchases were 57 percent higher than in 1984 but were still 20 percent lower than in 1983.

This increase in CCC M.E. purchases in 1985 (the ending of the temporary solution effects of the diversion program) prompted the

enactment of the buyout program.

As of this date the program seems to be working quite well. There is one big difference in the diversion and the buyout program: cows and replacements are taken out of production permanently under the buyout program.

Although, there is no control of dairy farmers not in the buyout program and they can increase production as they will, there will not be an increase in production coming from cows in the current dairy program coming back into production. Thus, there may not be such a sharp increase in production and resulting CCC M.E. purchases as occurred when the diversion program ended. However, the next big test of the program will come in the '87 spring flush.

Close attention must be given to CCC M.E. purchases from now to then for further diagnosis of the effectiveness of the buyout program.

CCC Sales of Products

Back to Commercial Firms

CCC does sell product back to the commercial market. However, there seems to be more sales back to the commercial market since

the whole herd buyout program began. Again, this is evidence of the improving situation in the dairy industry.

Another bright spot for the dairy industry is the declining government stocks of uncommitted dairy products. The declining level of purchases and the use of products in the domestic donation program and other government programs has resulted in a decline, at least in cheese and NFDM, stocks.

For the week ending on Nov. 21, 1986 uncommitted CCC stocks of cheese and NFDM were 27 percent and 38 percent lower than for the same period in 1985. However, the stock of butter was 41 percent higher than in 1985.

It has been predicted that in 1987 the stocks of dairy products will be exhausted.

Thus will present an interesting situation since the government uses dairy products in several programs and might want to maintain some inventory of products. The effects of an increase in production may not be as negative as would otherwise occur if the government desires to have some inventory on hand to use in the programs it currently has.

It could, however, dispense with some programs and reduce its need for dairy products. This often overlooked side of use of dairy products could be one important factor in determining producer prices in 1987.

The fact that government inventories are not high also cannot be used as ammunition for further cuts in the support price. As it stands now, this situation certainly looks good for dairy farmers.

Minnesota-Wisconsin Prices

The impact of the whole herd buyout program along with the increasing consumption of dairy products can be seen in the improving M-W prices during the

(Turn to Page D12)

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Farmers Need A Financial Plan

Farming is undergoing many changes. Farm operators who wish to survive these changes must be good financial managers. And this requires a sound financial plan for the business.

The purpose of financial analysis is to give the manager warning signals, identify trouble spots and measure the effects of corrective action.

According to University of Delaware extension economist Gerald F. Vaughn, producers who develop a good plan are likely to make more profitable management decisions because they know the strengths and weaknesses of their business. They're also in a better position to take needed corrective action because they understand their management options.

Farmers with a good financial plan are more likely to receive favorable credit terms when they need to borrow money.

"Put yourself in the lender's shoes," Vaughn says. "Would you lend money to a farmer who has to

ask you where he stands financially? Or would you have more confidence in one who walks in well-prepared to explain his financial and marketing plan to you?"

Farm operators who've taken the time to develop a financial plan are likely to feel less personal stress than those who haven't evaluated their business objectively, the economist says. "If you know where you stand financially, how much corrective action is needed and what your alternatives are, you're less likely to feel helpless. Discussing your financial plans and management strategies with other family members or financial advisors can also build self-confidence and reduce emotional stress because you know you're not alone with your problems.

"You can voluntarily develop a financial plan now or be legally forced to develop one later under bankruptcy reorganization," the

specialist points out. "Given the less than optimistic agricultural economic outlook for the next few years, an eroding financial position requires action now. As time goes on, fewer management options will remain as the business' resources and equity are depleted. So the sooner corrective management strategies are adopted, the more likely they are to be effective."

Where liquidation must be considered, partial voluntary liquidation can often result in a smaller, leaner and more financially sound farm operation, Vaughn says. "But this action requires that some equity be left in the farm. So it's crucial to get on top of your financial position while you still have some equity."

It's not enough merely to keep good financial records, the economist concludes—you must analyze them and then put them to use to make sound management decisions.

Buyout Program

(Continued from Page D11)
latter half of 1986.

The M-W decreased slightly, but steadily, through the first 3 months of 1986 and started increasing in June, slowly at first, then in large increases during the next 4 months. In August, the M-W moved above the support price and by November was 60-cents above support. If the M-W does not go above \$12 in December it will probably be very close.

Although the support price dropped 25-cents January, it should only decrease the M-W a very small amount, if at all. It could very well be that since sales to the CCC are quite low and, conversely, sales to the commercial market are strong, no decrease in the M-W may occur in January and February.

If trends in production and consumption remain constant, further increases, although, not as large as during the latter part of 1986, may occur in early 1987. Again, the spring flush will play a major role in the determination of the M-W in 1987.

If production of milk doesn't increase significantly in 1987, the M-W average price in 1987 should be well above that for 1986. In addition, dairy farmers will regain the 40-cent assessment in 1987, 15-cents in January and the remaining 25-cents in October.

This coupled with an expected increase in Class I utilization should result in an increase in blend prices to Pennsylvania dairy farmers of 25 to 40 cents in 1987. It certainly looks that at least for 1987 the economic situation is brighter for dairy farmers.

What occurs in 1988 and 1989 will depend on if and how strong milk production increases after the impact of the buyout program on production ends.



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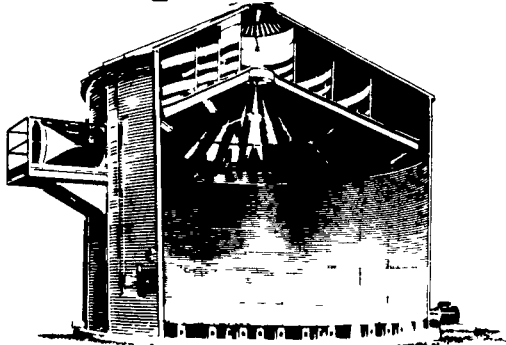
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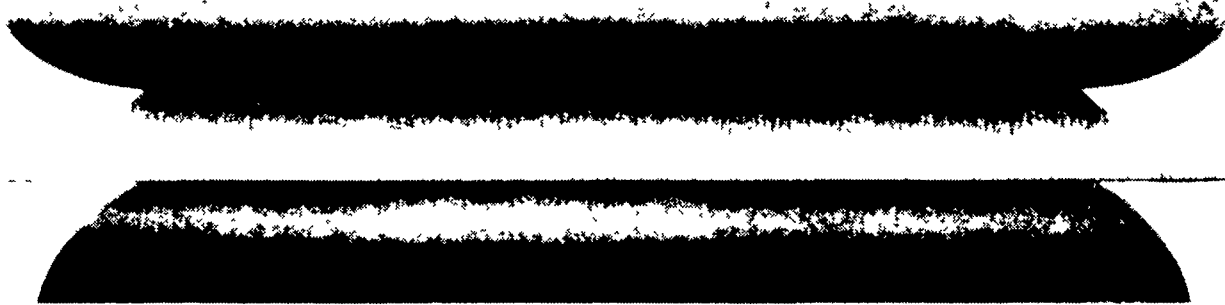


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Research To Extend Shelf-Life Of Mushrooms

UNIVERSITY PARK — Research at The Pennsylvania State University may lead to a new method of marketing fresh mushrooms that could increase their shelf-life, price and consumer demand.

Storing mushrooms at temperatures between 32 and 38 degrees Fahrenheit could extend mushroom shelf-life by as much as five days, according to Dr. Robert B. Beelman, professor of food science.

"With this project we want to demonstrate what improvements in shelf-life could be made by controlling temperature and using a separate storage unit," Beelman said. "Mushrooms are more perishable than most produce. With hard data like this we hope to convince grocery managers to adopt a different style of displaying mushrooms."

Beelman's research is partially funded through a challenge grant from the Advanced Technology

Center of Central and Northern Pennsylvania Inc., Ben Franklin Partnership.

Washed mushrooms deteriorate even more readily than dry-packed mushrooms, Beelman said, especially when stored at elevated temperatures. "This is mainly due to bacteria," he added. "These bacteria like humid conditions. As a result the growth rate of bacteria is higher with an increase of moisture at a higher temperature."

"Grocery store marketing has been heading toward mass display of produce," he said. "Maybe to increase the impulse purchase or the idea of 'great bounty' or eye appeal. But as mushrooms deteriorate, their eye appeal goes down and the consumer is less likely to buy them."

Beelman will test the effectiveness of an open-faced refrigeration case — a Pinnacle Upright Merchandiser — in maintaining the low temperatures

needed to slow mushroom decay.

The PUM looks like the freezer cases now present in grocery stores, but without the door, he said, adding: "An air curtain is in front. Cold air blows up the front. It keeps the mushrooms cold but doesn't impede the consumer from reaching in and grabbing."

"We're really just getting started on this. We want to assess whether the PUM will keep them cold when filled with the product."

"We also want to test how efficiently the PUM uses electricity. The mushroom grower would provide the unit and would need to show test results of the amount of energy per week it uses. Perhaps it's less than the unit that stores them now, even with the lower temperature employed."

Beelman said he will also test new additives for use in washing mushrooms. Sodium sulfite had been used to wash mushrooms before the FDA banned the chemical in August. "So now it is

difficult to wash the product and have it look nice," he noted. "The sulfite had helped in preventing browning."

The Sno-Top Mushroom Farm Inc., Wampum, Pa., is cooperating in Beelman's research. He said that research in cooperation with Penn State plant pathologists has "come up with a number of things they can do to manipulate the growing process to extend the shelf-life. It has to do with the number of bacteria on the mushrooms when harvested due to the way they're watered."

Sno-Top workers have begun using some of the Penn State recommendations, according to Michael Swanik, company president.

"We're trying to make observations about the effects by noting color, cleanliness and shelf-life," Swanik said. "But at this stage it may be too soon to tell. We're only a month or so into this project. But the initial impressions

we get are favorable."

The increased mushroom shelf-life would enable companies such as Sno-Top to deliver less frequently to grocery stores. "They want to increase the time that mushrooms will look good," Beelman said. "So that instead of a twice-a-week delivery they could deliver once a week."

"Part of the problem with the mushroom industry is overproduction or underconsumption, depending on how you look at it. Improvements in growing practices have resulted in a high yield which means low prices for the growers. But the consumer still pays a high price because the grocery store has a lot of loss."

Swanik said he hopes the Penn State research will help his company to sell a larger percentage of its mushrooms on the fresh market. "We'd like to induce more people to eat mushrooms and induce people to eat more mushrooms. We want to increase consumption as well as the price growers get for their mushrooms."

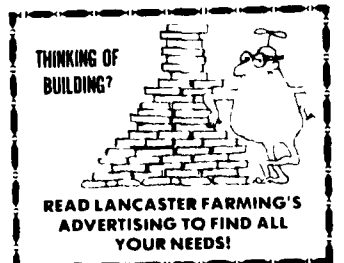
Burleigh Tops Wayne County DHIA

HONESDALE — Kevin Burleigh, Pleasant Mount had the leading dairy herd in the Wayne County Dairy Herd Improvement Association in the December test period, according to the Wayne County Cooperative Extension Service. The herd of 44 Holsteins had a rolling herd average of 21,002 pounds of milk and 855 pounds of fat.

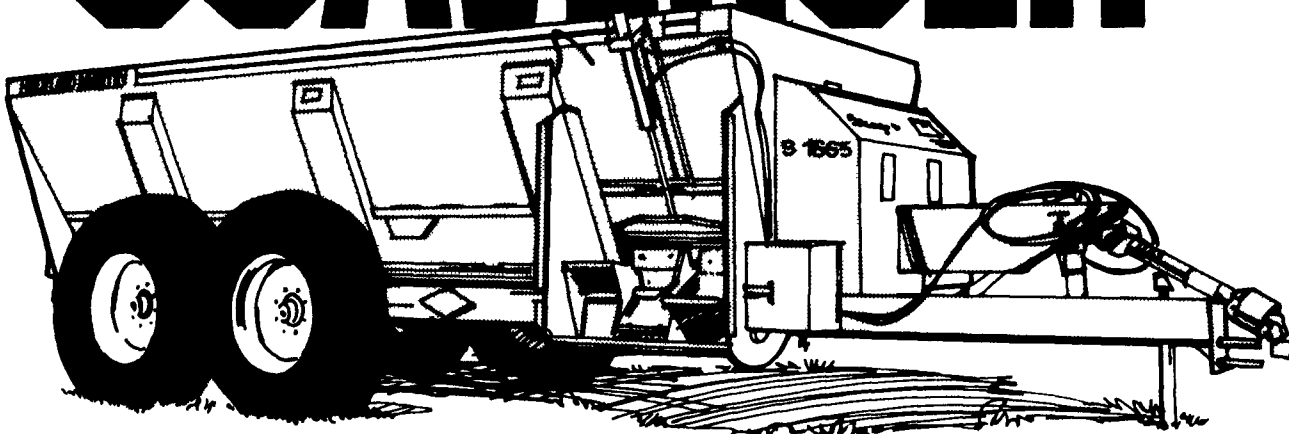
Other top herds were: James Slocum, Susquehanna, 20,164 milk and 806 fat; Jack and Ella Chyle, Pleasant Mount, 20,271 milk and 732 fat; Charles P. Dennis, Honesdale, 20,154 and 713 fat; Kinghill Farm, Starrucca, 17,652 milk and 709 fat; Rowe Brothers, Honesdale, 19,506 milk and 701 fat; Golden Willow Holstein, Honesdale, 20,749 milk and 700 fat; Robert Fielding and Son, Lake Ariel, 18,732 milk and 696 fat; Paul Kennedy, Honesdale, 20,317 milk and 686 fat; and James Woodmansee, Lake Como, 17,919 milk and 682 fat.

The cow completing the highest lactation of 305 days or less during the December test period was a 4-year-old Holstein owned by Kevin Burleigh, Pleasant Mount. "Ellen" produced 23,377 pounds of milk and 1,281 pounds of fat.

Other top producers were number 5 owned by Michael Nebzydoski, Pleasant Mount, 23,498 milk and 992 fat; "Tillie" owned by Robert Fielding and Son, Lake Ariel, 23,024 milk and 918 fat; "Taffy" owned by Paul Harrison and Sons, Moscow, 24,995 milk and 905 fat; "Flossie" owned by Don B. and Wm. R. Bryant, Honesdale, 23,290 milk and 904 fat; "Lynn" owned by Anthony Worobey, Preston Park, 24,206 milk and 881 fat; "Glenda" owned by Kevin Burleigh, Pleasant Mount, 21,053 milk and 876 fat; "Babe" owned by Allan Schnakenberg, Equinunk, 18,428 milk and 857 fat; "Cher" also owned by Allan Schnakenberg, 19,630 milk and 852 fat; and "Ora" owned by George Schmidt, Preston Park, 24,016 milk and 842 fat.



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Economic Sense Key To Good Management

Farmers keep hearing about good financial management is a must for survival. But what does that term really mean?

Good financial management begins with a thorough understanding of your farm business, according to University of Delaware extension economist Gerald F. Vaughn.

"Top financial managers anticipate and plan the events that shape their business success," Vaughn says. "Average managers watch as events affect their business; then they react. Weak managers have little understanding of why events affect their business. Because they have difficulty analyzing their situation, they don't know how to use the factors under their control to solve problems."

Luck is an element in all businesses, the economist says. However, overall success is likely to come to those who anticipate events, understand the management tools and indicators of their business, and who take full

control of these factors.

"If you want to become a better financial manager, start by figuring out where your farm operation stands compared to others in the same business," Vaughn says.

To determine the financial health of your farm operation, the economist suggests you ask yourself five critical questions:

- Do you have too much debt for today's economy.
- Can you cover your current obligations?
- Do you have normal profits compared to other producers?
- How much are you getting ahead or falling behind?
- What are the financial strengths and weaknesses of your farm business?

More than ever farm lenders are using financial statements, financial ratios and key management indicators to evaluate credit worthiness. The emphasis has shifted during the 1980s from collateral to earned profitability and cash flow. In-

creasingly, credit worthiness is being used as the basis for loan interest rates.

This new emphasis means producers must be able to convince lenders that they have marketing, financial and production management skills. To be worthy of credit, Vaughn says farmers today must have a financial plan for repaying from their productive earnings whatever they borrow.

Top farm financial managers are familiar with the indicators lenders use. These producers know how their business stacks up against the competition and are aware of available corrective options.

Top managers calculate their own indicators and develop their own cash flow plans, the economist says. They can walk into the bank and show their lender that they're on top of their financial position and have sound marketing and financial plans.

"Most lenders are willing to explain their credit evaluation criteria," Vaughn says. "If approached in a reasonable manner, they may even help you analyze your farm business to see how you might improve your financial

position."

For more information on farm financial management, Delaware farmers are encouraged to contact their county extension office in Newark (451-2506), Dover (697-4000) or Georgetown (856-7303).



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IH 4R #56 planter; Hesston PT10 haybine; IH 784 tractor; 420 plow; 3 flat wagons. Snyder Co. 717-743-6222.

JD #4 grass mower; NH 404 crimp with or without 24HP engine. A.B. Zook, Buena Vis Rd., RR1, Box 95, Gap, PA 17527.

530 Bobcat. Cumb. Co. 717-532-7778.

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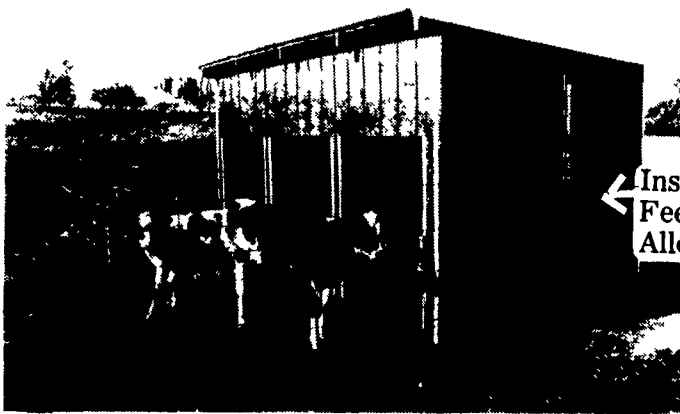
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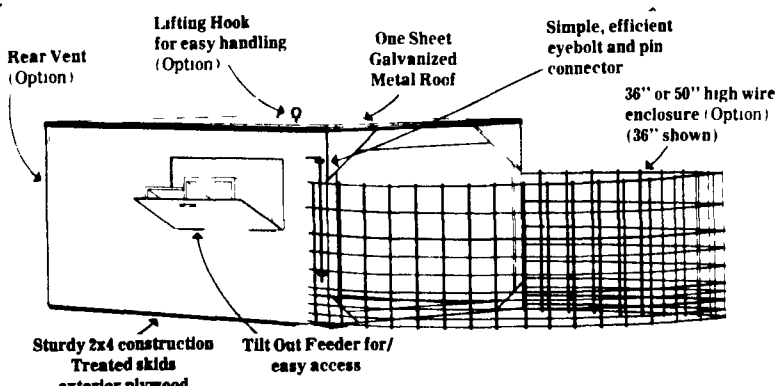
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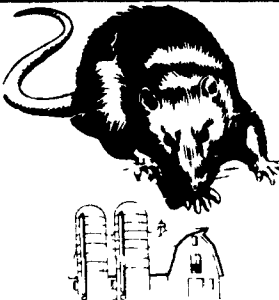
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Dairy goats A.D.G.A. Nubians pedigrees' milk records to 3400 pounds. Bred does, bucks, stud service. Price bargaining. Gettysburg. 717-334-7993.

Motor home-Winnebago 26', 40,000 miles, sleeps 6, 110/gen., AC, good shape, lots of storage, everything. Northampton Co. 215-759-7190.

Last year's hay, first cutting alfalfa, .50 bale. 717-653-5630.

Mixed hay and timothy hay, no rain, wheat straw, by the bale or ton; Muscovy ducks. Dauphin Co. 717-533-6115 or 534-2229.

12 Peaked roof trusses, 34' long. \$35 ea. OBO. Lanc. Co. 717-665-9351.

7060 AC, 2400 hrs., new rubber. Will sell or trade for smaller tractor. Schuylkill Co. 717-998-9638.

Case 730D, good condition, 3 pt. dual remotes. Mont. Co. 215-933-4566 after 7PM.

Gleaner A 2R corn, 12' grain; JD 110' disk; JD 2R corn planter. Schuylkill Co. 717-648-9082.

IH 311, 3 pt. 3x14" F.H., \$275; field cultivator Brady 14' Tr.; Glenco 13', 3 pt., \$450; 4R rolling cultivator, exc., \$195. Berks. 215-944-7529.

5' sickle bar for AC B. Columbia Co. 717-784-6203 after 4PM.

Refrigerator compressor, new 1/2HP motor, 220 volts. Was on large deep freezer. \$225. 717-733-8554.

Hanging rabbit cages, flat wagons, 3 pt. rotary mower, locust walnut and oak trees, old house shutters. Lanc. 717-684-5352.

Hay mixed quality variable, 70 cents bale in quantities of 50 or more. State College, Centre Co. 814-234-1519.

Pair Firestone tires 800-16.5, 8 ply, like new; yearling heavy bread chickens, \$1 ea. Sch. Co. 717-345-3310.

1950 Borg Thorobred horse trailer, 2 horse, with 1950 Chevy fenders & tail lights, \$600. Chester Co. 215-274-8019.

Top buggy w/rubber & hyd. brake, good condition. \$850. Lanc. Co. 215-267-2128.

Three yr. old registered saddlebred mare. Best Offer. Safe and sound. I.S. Ebersol, 75 Hess Rd., Leola, PA 17540.

Woods 10' offset mower, \$750; grove wagon, \$250; MF 35 dsl. orchard, \$3,000; 3" irrigation pipe, \$25 ea. Adams Co. 717-677-6536.

Steel cement filled wheels and new magemeto for S-C Case. Eli S. King, 1245 Noble Rd., Christiana, PA 17509. Lanc. Co.

Truck bed, 17' long 8' wide, metal bottom, tractor chains, dump trailer, top link, heat houser. York Co. 717-244-3024.

Cunningham hay crimper in good working condition, \$400; 2 steel wheel wagons. Berks Co. 215-944-9973.

1970 Chev. Monte. Carlo for parts, 3SP man. trans., 350 eng. After 4PM, 717-776-7357. Cumb. Co.

Butler Oswalt 1830 ensilomixer trailer G.C., \$7,200; truck rims 9x22.5, \$10 ea. Franklin Co. 717-352-3534.

IH M, good condition, 12V, \$975; 10' spring tooth harrow, \$250; 16' Cardinal aluminum elevator, \$175. Newport, Perry Co. 717-567-9340.

incubator, small, 12-48 eggs, 25 watts, 20" diameter, almost new, \$30; Bolens snow blade, 54", excellent, \$100. Lanc. Co. 215-267-5696.

AC 200 with cab, excellent, \$6,500; Hesston 5800 round baler, make offer. Can deliver. Indiana Co. 412-783-6333.

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252 Oliver disk, 12' cut, very good condition. \$1,000. Lanc. Co. 717-284-2444.

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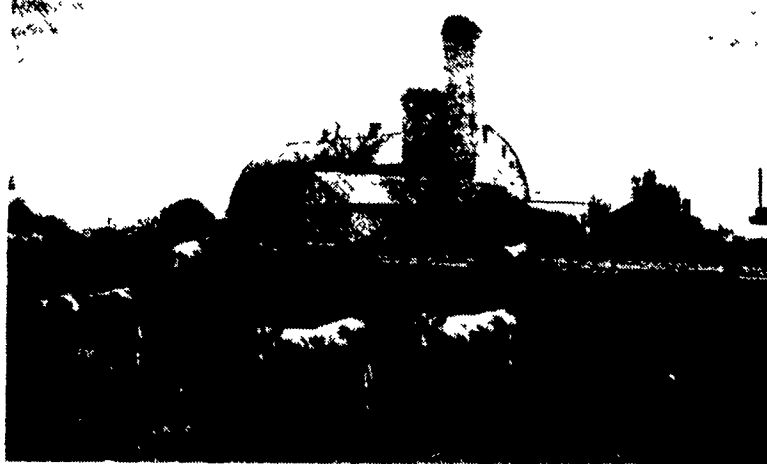
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Two reg. Rottweiler females, bred; also 1 male. Franklin Co. 717-349-7152

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1977 AC 4WD articulating loader with detachable backhoe, canopy, gas engine, excellent cond. Will consider trades. Arkport, NY. 607-295-7333.

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4 Beef heifers, 500-800 lbs., .50 cents per lb.; 2 Steers, 1 about 500 lbs. and 1 900 lbs., 55 cents per lb. Bucks Co. 215-257-2377

JD 2 bottom 14" plow w/cover boards, disks w/onland depth wheel, excellent shape, field ready, \$500. OBO. Lanc. Co. 215-445-5252

Self propelled Massey Harris Super 26 combine w/10' head, good condition, \$395. Adams Co. 717-334-4284

MH 44, 6 cylinder, 12 volt, 3/4 and 1/2 ton PU, 71 Dodge. Eisensmith, RD1, Mt. Wolf, Pa. 17347. 717-266-2982

JD H, fair paint, runs, \$450.; JD H, rear dif. trans., crank, all in tack, \$50. Lanc. Co. 215-445-5018

Commercial scales weigh 1,000 lbs. Also weigh liquid, \$200.; 1982 Kawasaki 305 belt driven motorcycle, 1,150 miles, extras, garaged, \$750. Dauphin Co. 717-652-3738

NH haybine, #461, 9', excellent condition, field ready, \$1,500. Frederick Co., MD. 301-371-6304

Timothy and clover hay and straw; Automatic Cornell cut off. Also power unit, excellent condition. Garrett Co. 301-689-8245

12' Brillion harrow, needs points, has new frame, tubing and rear hitch wings to make 18', \$400 Columbia Co. 717-799-0169

(2) Oliver 70's General Tractor, up and running, Sheppard SD3 diesel, MH 50, sharp. Union Co. 717-524-2408 after 6 p.m.

JD manure spreader model N, series 1; New pulverizer, good beaters, Box is shot, otherwise works mechanically; rebuilt or parts. Lanc. Co. 717-529-6744

Lo Profile Kaiser truck, air cond., like new, \$625. Also Ross hydraulic power steering unit complete w/pump, \$600.; Reg. Quarter Horse, 5 yr. old Sorrel Gelding, green broke, \$500. Bucks Co. 215-257-2377

JD #25 combine for parts, but could be made field ready, have canvases. Montgomery Co. 215-679-7509

Air tight wood beater stove, good condition, takes logs 29". York Co. 717-774-3310

Top buggy, deluxe model, lots of accessory, in excellent condition, deluxe electric cycle chair for disable person. 215-593-6897. Keep Calling.

Buick 1984 Limited, V8, leaseable, 6,000 miles, 4 door, rich velour upholstery, a beauty, white, \$13,500. Harford Co., MD. 301-452-8479

TD6 w/dozer and loader. 215-285-6134 or 215-285-6440 after 4:30 p.m.

(2) 15-5-38, (2) 16-9-38 rear tractor tires, used; John Bean grader only and John Bean crop sprayer w/air head; Burlap potato bags #100 lbs. Lehigh Co. 215-767-2234

1 set 2-horse Bob Sleds w/box, good condition. Fulton Co. 717-485-4179

H Beam 25' web, 20"x9/16 flange, 12"x3/4, about 100 lbs. per ft. Asking .10 cents pound. Joseph Evans, Hamburg, Berks Co. 215-562-7394

Hawk Bilt 357 spreader, \$600.; 60' Risser wedge board feeder, \$300.; 8 individual calf tie stalls. Bucks Co. 215-249-3304

2 Suffolk Ewe lambs, born 3-86, \$50. each.; 1 bred Suffolk Ewe, 4 yrs. old, \$75. Del. Co. 215-485-3903

(2) 1980 Kawasaki snowmobiles; F-20, F-12 Farmall tractors. Must Sell. Also pheasants and chukkers. New Castle Co., Delaware. 302-658-0566

Willform pony jog cart, \$150.; Pygmy Doe Goat, \$50.; Vitra sonic pest eliminator, \$20.; Used horse tach. Berks Co. 215-777-1594

2 BMW Bavarias '73, 4 spd., PS, sun roof, and AC; '74 Classic w/4 spd. Price Negotiable. York Co. 717-637-2251

IH 211, FH 2x14 trip back plow; IH 251 2 row corn planter, FH or 3 pt. w/fertilizer; Oliver #82 sickle mower w/rear PTO. All field ready. Carroll Co. 301-848-0711

By owner improved building lot water and sewer, curbing and sidewalks, Borough of Richland, Lebanon Co. \$8,500. 215-589-4264

JD 3 bot. 16' plow, 150 gal. gas tank. Chester Co. 215-593-6958.

Penn State Univ. test bull Registered Angus Breeder & first owner Sire Favour of Wye Dam Graham Blackbird 145. Bedford Co. 814-623-5320 eves.

Bentwood clothes tree, \$55.; Punch bowl and 48 matching cups, \$45.; Projector screen and table, \$60. Chester Co. 215-268-2104

JD 8250 grain drill, 18x7, grass seed attachment, like new; JD 494 4 row corn planter, new fertilizer boxes. Locomot Co. 717-322-1642

Homelite trash pump, 3", 385 gpm, perfect cond., Graco spray, President pump, 2 guns, 200' fluid line. Camden Co. 609-228-2695

282 NH baler w/Super Sweep, no thrower, excellent condition. Monroe Co. 717-646-2163 after 5 p.m.

Thoroughbred Stallion Service: Free introductory offer to approved mares. 1986 Pigmy type Nanny goat, \$50. or Make Offer. Somerset Co. 814-634-0418

(2) 11-38 mounted on rims, ideal for spares, \$75.; Farmall M trans., rear for parts. Carbon Co. 717-386-5696

JD H tractor, good condition, hand start w/#5 mower, 2 row cultivator, \$750. Bucks Co. 215-346-8409 after 6 p.m.

1972 Trailor horse trailer, 2 head, 7' high, fiberglass roof, Serg brakes, new tires, good shape 717-649-5401

30 tons Ear Corn, 1,000 bu. Oats, 150 bushel Birka Spring Barley from certified seed 1986. Clinton Co. 717-725-3698

Bush Hog bale loader, JD 1 row potato digger, 12' harrow, '46 Ford dump truck, Iron Age potato planter, Beehives. Northampton Co. 215-262-6400

AC WD45 diesel, NF, 3 ph, runs good, blows water; Ni cutditioner 7' good condition. Franklin Co. 717-349-2417 after 6 p.m.

5100 IH grain drill w/press wheels, \$4,000.; Gehl flail chopper, \$1,000. Monroe Co. 717-629-0777

Oliver 77 parts, diesel head, block trans., and rear. Northampton Co. 215-759-7647

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Two electric engine, 1HP, \$25, 1/4 \$20. Is new. Joseph B. King, 2253 Rockvale Rd., Lancaster, PA 17602.

1 horse sleigh, fair condition, \$3.50 York Co. 717-927-9245

JD 224 WS baler, good condition, \$600. Snyder Co. 717-539-8428

Case Vac, nice original condition, not beat, \$495. O.B.O. Flat wagon chassis, new paint, nice, \$195. O.B.O. Montg. Co. 215-723-3167

Used storm front carriage, \$790; 8x7 overhead door, good shape, \$60; morder mixer, A1 shape, choice of two. J.E. Fisher, Box 22, 44 Furnace Rd., Quarryville, PA 17566.

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Bright wheat straw, \$100 a ton. Lanc. Co. 717-665-5683.

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GMC 1984 StarCraft Custom Van, fully loaded, 16,000 miles. Must See Tan, still in warranty, \$14,200. 215-286-5059 Leave Message.

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1987 CROP MANAGEMENT CLINICS

#1. CORN MANAGEMENT

* MONDAY, FEBRUARY 2nd - 1:30 P.M.
At The Leola Family Restaurant
Speakers: John Yocum - Penn State Extension, Landisville Farm Mgr.
Bill Brubaker - Master Farmer Fertilizer

#2. ALFALFA MANAGEMENT

* THURSDAY, FEBRUARY 19th - 1:30 P.M.
At The Leola Family Restaurant
Speakers: John Yocum - Penn State Extension, Landisville Farm Mgr.
Master Farmer Fertilizer Staff

* Both meetings will qualify for PA pesticide update points

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1977 GMC tandem tractor w/Allison 740 trans., For Sale, Trade for 10 wheel dump, Tomp. Co. 607-844-4631

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1968 White truck 6 cylinder, White gas engine 5&2 SP, license 33,000 lb., 140" wheel base. Lanc. Co. 215-593-6240.

JD 140 garden tractor, hydrostatic drive, #48 mower, #54 blade, very good condition. York Co. 717-428-3204.

Jet water pump, 1/2HP motor, \$100; 4 copper hotwater heat, baseboard, 8' long, new, \$50. After 8PM, 215-285-6313.

Two row Kuhl egg-washer with Eggomatic transfer Model GBCS 10-12; also Eggo-Pack system, complete. Want a bargain? Call Lanc. Co., 717-733-8390.

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2nd & 3rd cutting mixed alfalfa plus orchard grass hay, nice, clean, approx. 5 to 6 ton, \$125./ton or B.O. Berks Co. 215-683-6628

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Motor parts for F-30 Farmall tractor; 1952 Dodge dump truck without motor. Lanc. Stephen Lapp, 98 Long Lane, Oxford, Pa. 19363.

46' JD elevator, good condition, \$1,250.; Triple bale box (handyman jack) like new, \$300. John Lapp, RD2, Box 69, Watsonstown, Pa. 17777.

Reg. Nubian dairy goats Send For List. Breezy Timber Farm, 20325 Kirkwood Shop Rd., White Hall, MD. 21161. Call 301-343-0026

Must Sell JD 650 diesel, turf tires, low hours. Also 5' rotary mower, 4' tiller. Make Offers. Lanc. Co. 717-354-6461

2 potato planters, excellent condition, 4 row Lockwood, 4 row McConnell, both ready to plant. 609-358-2589

1973 White Road Boss truck tractor, 250 Cummins, 10 spd. trans. tandem axle, sliding fifth wheel, \$1,850. 301-287-5277

(2) Reg. Holstein heifers, due Feb., Sired by Milestone and Steward, records to 23,000M, 890F. Lanc. Co. 717-442-9658

Calumet 3250 liquid manure spreader, very good condition, \$7,500. Firm. Franklin Co. 717-328-2411

4-in-1 bucket for 450 JD w/good cutting edge, teeth, and cylinders. Luzerne Co. 717-379-2217

Farm Equip., Hay Wagons, IH 46 baler, (2) Hay Racks, drill, plow, disc, haybine, elevator, ponies (2) w/saddles, refig., asst misc. equip. Bucks. 215-968-4457

5HP 22" log splitter w/auto. return, \$350; Johnson workhorse front end loader for garden tractor, 38" material bkt., \$325. 717-533-6591.

Two Jamesway 100' cattle feeders; Jamesway Big Jim unloaders; two 30'x60' metal silos. After 6PM, 703-338-6471.

Century dye marker CDM-6N, used very little, \$500; 1969, 4020 Synchro range, \$5,500; 3x10 R. Herschel cylinder, \$50. Leb. Co. 717-867-4165.

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Plow to fit JD M, 2x12, \$200.; Plow for MT 2x12, \$175.; Tree hoe, 3 pt., \$350. York Co. 717-292-4416

16x16x8 walk-in cooler, 2 doors, inside fans, no compressor, good condition, dismantled ready to move. Fayette Co. 412-455-2445

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1967 Ford 4000D, 10 spd., major engine overhaul last year, needs torque converter clutch, \$2,600. Have loader too, \$1,250. Wayne. 717-253-0296. 7-8 a.m

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S1000	1,000,000	30,000 Sq. Ft. *
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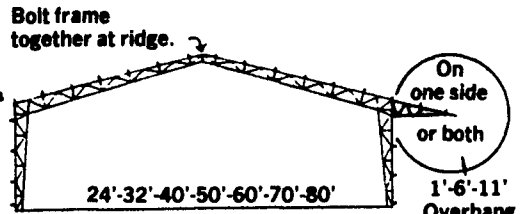
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Rabbit pens: 36" wide, 30" deep, metal pens by Safeguard. Divided in two sections. Perfect for dwarfs. Exc. Cond. Berks. 215-929-9682.

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Over the top fill auger for dry fertilizer hoppers on JD 7000, 4R corn planter. Excellent condition. \$450. Union Co. 717-524-2680.

24' Zook manure elevator, \$200; 20 quart dough mixer. E.B. Stoltzfus, 2966 Stumptown Rd., Ronks, PA 17572

JD 2840, 2100 hrs, 60% tires, rollover available, excellent cond., new Sears 16 gal. shop. Vac. \$125. Lanc. Co. 215-445-4463.

Barn windows, 37x52 and smaller, aluminum frame 1" thick, safety glass panes. Penn Yan, NY 315-536-9844.

AC 6R no-till corn and bean planter, good condition, \$1,800. Leb. Co. After 9PM, 717-949-3529.

Tractor tire chains, 2 sets, 18" & 19" cross links, 9-13' long fits approx. tire size 13.6x28. \$60/set obo. Lanc. Co. 717-733-7124.

One loose hay loader needs wood, \$150; one 125 gal. fuel tank with pump, \$40. Harford Co. 301-592-7845.

Ewes with twin lambs, \$100; ewes with singles, \$80; purebred Dorset ram, \$100. Balto. Co. 301-374-9750.

12 year old Palomino mare, very gentle, riding horse, rides with Hackamore, \$500 or Best Offer. Lebanon Co. 717-273-2849

SALE OR TRADE: 1972 Chev. TK, needs work, BO or trade for old farm tractor or whatever. Lanc. Co. 717-529-6068.

Three bu. cider press, Champion potato harvester; dump bed with subfram and hoist; 1/2 and 1 gal. jars & jugs. York Co. 717-292-4154.

1930 Mack fire truck, motor runs; 90 acre farm; 100 tons of alfalfa and mixed hay. Lehigh Co. 215-756-6618.

JD 355, 5x16 plow; AC 600 no-till planter & monitor, IH 155 manure spreader; posthole digger; 150 & 300 gal. sprayers, gravity wagons. Clinton. 717-726-6822.

AKC male lassie collie pup, 8 wks. old, shots, wormed; in place washer units for Universal 12 stall parlor. Adams Co. 717-359-7276

Bird's Eye maple 2" planks, approx. 400'. 607-829-8739 NY.

Mixed hay, 1st cutting, no rain, at \$1.85/bale, 3rd cutting at \$2.80/bale. Leb. Co. 717-838-4610 ewes

Silkies-mature 200 to 500, \$5 ea. Will deliver. Fayette Co. 412-736-4063.

Package bees, 2 lb. pks. w/queen, \$24; 3 lb. pks. w/queen, \$28; queens, \$6.25. Order by April 5, 1987. Dauphin Co. 717-362-9535.

Beautiful angora goats, doe, \$100; buck, \$75; pr./\$150; Majestic brown Nigerian dwarf buck, \$175; wether kid, \$50. Cecil Co., MD. 301-398-4890.

Two almost new snow tires on GM wheels, size H 78 15 belted tires. Leb. Co. 717-949-6834.

Gretle hydraulic pruning ladder, 40' flat bed trailer, new wood floor. Chester Co. 215-269-3494.

3020 diesel, PS, WF, good tires; JD 2500 4 btm. hyd. plow, 23.1x34 rims & tires, little tread. Franklin Co. 717-597-7295

Silo unloader 20' w/7 1/2 h.p. motor, works well for haylage, used 2 yrs. Carbon Co. 717-386-5538

3 yr. old Hereford Bull, approx. 2,000 lbs., \$1,000.; IH 4 WD pickup snow plow, \$1,000. OBO. Schuylkill Co. 717-386-2833

IH 16 disc drill w/fert., good condition, \$500.; 8'x9' truck bed. Carroll Co. 301-756-2087

Pony sleigh, good condition, \$350.; Pony cart, \$150.; Pony harnesses, \$50.; \$75.; Driving pony geld., \$350. Lanc. Co. 717-569-5150

Star Line barn cleaner w/250' of chain, 3 yrs old. Also 34 Star Line lever cow stanchions. J. Kenneth Miller, RD2, Box 380, Manheim, PA 17545.

Snowmobile trailer, '79 MGS 7'x16' 4-place w/elect. brakes, ramp & tie downs Exc cond., \$1250/obo. Lanc. Co. 717-733-7124

250 gal. saddle tanks w/strainer, \$250.; McCormick beater spreader, good, \$150.; 5' Int. Utility truck, \$150. Bucks Co. 215-968-4808

1980 Ford 4100 diesel tractor w/industrial loader, 937 actual hrs. Asking \$8,500. Both Units. Otsego Co. 607-965-8514 after 5 p.m.

Reg. Morgan Yearling Filly, will mature 15H, old type, excellent disposition and conformation, \$1,200. Cumberland Co., NJ. 609-455-2458

220 AMP Lincoln Ind. Welder, w/4 cyl. red seal eng. Will sell portable or stationary. Lanc. Co. Moses S. King, 377 Mt. Pleasant Rd., Quarryville, Pa. 17566.

1,2,3,4,5,6 horse hitches, wood steel yokes; JD binders and parts, good used wagons. Christian L. Fisher, 74 S. Ronks Rd., Ronks, Pa. 17572. Lanc. Co.

Stewart model 51 cow & horse clipper, in excellent condition, \$65.. AKC Cairn Terrier puppies, Females, \$145., Males \$125. Lanc. Co. 215-445-5325

1 used DeLaval milker unit. Enos K. Stoltzfus, 881 Pumping Station Rd., Kirkwood, Pa. 17536.

Badger 205 manure spreader, \$1,000. or Make Offer. York Co. 717-741-1440

Tractor chains 18.9x38, double O rings, very good condition, \$300.; 2 Reg. Holstein heifers, \$1,000. each. Lebanon Co. 717-838-2018

Warm Morning coal stove, \$300.; Stihl mist blower, like new, \$320. Lanc. Co. Elmer E. King, Mast, RD2, Narvon, Pa. 17555

JD 17x7 grain drill w/fertilizer; Sun-Master 12' flail chopper; Lamco forage wagon, 3 beaters & roof. York Co. 717-225-3380

(3) 400 amp electric switches, single phase, convertible to 3 phase, \$60. each. Howard Co. 301-531-5295

1968 Ford 350 farm dump/truck, excellent, \$3,500.; JD 520, very good, \$2,500.; 14' wagon, \$550. Negotiable. Carroll. 301-848-1047

2 Yorkshire Sows, due to farrow the middle of Feb. Also Yorkshire Boar; 8' pickup truck racks York Co. 717-432-5047

MF 175 diesel tractor, good condition, new paint, \$4,500. Also 1978 Rabbit diesel, 2 dr., \$800. Cumb. Co. 717-776-6242

8 straw 7H 572 Bova Semen, \$1,000. Also 2 Bell and 4 Conductors. Make Offer. Lanc. Co. 717-392-6121

NH 1010 stack wagon, single bale unload, 56 bale cap., \$2,250. Col. Co. 717-784-6799

AC WD-45, NF, good cond.; 3ph adapter for AC snap coupler; NI 10' lime drill, good; Montour Co. 717-437-2721

Vicon fertilizer spreader w/engine mount, steel wheels, A1 condition. Jacob Fisher, 351-A Martins Corner Rd., RD6, Coatesville, Pa. 19320. Chester Co.

8 wooden shutters, 16"x46 1/4", \$20.; 140' 5 wire snow fence, \$45. York Co. 717-755-9418

Epach Columbian Range, needs new bricks, in good condition otherwise. John S. Fisher, 985 White Oak Rd., Christiana, Pa. 17509.

Kenmore coal stove Heatrola, good cond. Also 9 yr. old Sorrel work horse, a real worker. LeRoy Smucker, RD3, Box 710, New Holland, Pa. 17557.

Do All DH-612 surface grinder w/chuck, excellent condition; Logan 10"x24" metal lathe; South Bend 9"x24" metal lathe. Warren Co. 201-453-2491

CA Allis Chalmers tractor, 2 row cultivator, fertilizer attachment, new tires, paint, excellent condition, \$3,000. Queen Annes Co., MD. 301-778-5836

Palco portable squeeze chute w/corral panels, like new. Washington Co. 412-945-5259

Metal storage rack, 4' wide, 8' long, 10' high w/6 shelves, disassembled, \$100. Chester Co. 215-869-2001

Polled Hereford Bull, Reg., Grandson of Justa Banner Spring Bottom Cow, Long Tall Correll. Come See. Whitehall Meadows, Montg. Co. 215-584-6975

Wilson bulk milk tank, 300 gal. Wash Co., MD. 301-733-6371

(4) 3 1/2"x12" new hyd. cylinders, \$50. each. Morgantown, WVA. 304-599-4027

BN Farmall tractor, 2 row workers, good condition. Henry F. Wonder, Dillsburg, York Co. 717-432-4762

2 Cole no till planters, (1) 10 row 3PH, (1) 8 row drawn, \$1,500. Each. Cumb., NJ. 609-453-0129

1975 C700 Ford, runs good, needs bed, \$1,700. or Offer. Must Sell. Harford Co., MD. 301-529-1710 or 676-2763

JD model W manure spreader, kept inside, good running condition; DeLaval model 73 milker pump, used less than 1 yr. Berks Co. 215-856-7620

Mixed hay & grass hay, at barn, \$80./ton. Also 212 manure spreader, PTO. Leb. Co. 717-865-6836

Reg. Jersey project calves TPE Dams, top proven Sires, born right 32 years of Reg. Jerseys. Racaine Jerseys. Bedford Co. 814-652-6577

Deutz 6 cyl. diesel power unit, complete w/clutch and skid frame, needs work. 814-652-2012 or 814-652-2404 after 5.

AKC chocolate Lab pups, excellent bloodline, 6 weeks old, \$150. 717-665-3845

Used VW parts, Rabbit and Dasher. Also many used diesel motors, cheap. 215-683-7943

MAILBOX MARKET
WANTED

4"x4" tile, 1/4" thick, any amount up to 500. Wanted for feed trough. Ephram Stoltzfus, RD3, Box 74, Honeybrook, Pa. 19344 Chester Co.

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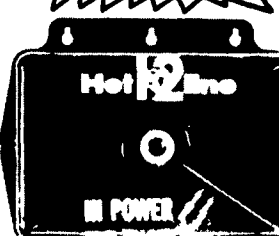
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MAILBOX MARKET WANTED

NH 1069, 1049, 1047, 1033, 1034, stacker bale wagon. Fulton Co. 717-294-3451

Portable welder, must be in good condition. State price and model in first letter. Jonas Lantz, 408 Hess Rd., Leola, Pa. 17540. Lanc. Co.

Post driver for tractor, 3 pt. hitch. Northampton Co. 215-588-7891

Used stationary TMR mixer or portable mixer wagon 215-766-8194

Glass door refrigerator for fresh flowers, small showcase, old flat bed farm wagon. Ocean Co. 609-758-7305 after 5 p.m.

Wood burning hot water unit to heat swimming pool. Write: J. Riss, 1209 Eagle, Newtown, Pa. 18940.

16' chute for Badger barn cleaner, 16" wide clockwise rotation. Call Collect, No Sunday Calls. 412-887-6153

Graham-Bradley tractor, 1933 Chev. Coup, 1937 Chev. 1/2 pickup, any condition. 717-642-8677

Belt driven or PTO corn sheller. Also roller, mill or crimper. Emanuel G. Zook, RD1, Box 252A, Kinzers, Pa. 17535.

Evaporator to boil maple sap. State Price, Condition and Size. Garrett Co. 301-334-4095

Blackberry seedlings or information of where to purchase. Berks Co. 215-926-5474

Automatic milker for goats. York Co. 717-927-9061

IH 656 parts, need hyd. pump from belly of tractor. Columbia Co. 717-784-9060

Small belt conveyor, 16' or longer. 717-784-6203 after 4PM.

DeLaval milker bucket. Don't need to pass inspection but in working condition. Union Co. 717-922-1864.

Forage wagon NH #8 or Gehl 920, 940, 960, 16', 3 btr. roof in excellent cond. 717-532-7778.

1950 thru 1953 Delux Chev. PU body. Must be good. Bedford Co. Bill Johnson, P.O. Box 87, Everett, PA 15537. 814-652-2319.

Running gear for IH #100 mower; also engine mount for JD baler. Eli O. Ebersol, 337 Black Bear Rd., Quarryville, PA 17566.

Crowd boom cylinder for Wain-Roy backhoe, 3 1/2" O.D. extended app. 48". Sch. Co. 717-385-0723.

Person to work on dairy farm. Prefer experienced person that likes milking cows and doing field work. Lebanon Co. 717-867-1472

A vacuum liquid manure spreader, any size. Chester Co. 215-932-5274

Guns made by J Harder or G.W. Harder. Clinton Co. 717-748-7356

AKC female Vizsla for breeding w/male Vizsla, AKC Reg., champion bloodlines. Write: Box 101, Devault, Pa. 19432. Chester Co. 215-296-7536

64 Ford 350 dump truck, junk cond. preferred, or PTO off same. Also clipper seed cleaner #67A, any cond. 717-653-9580

Overhead door, 16' wide by 10' high. 215-536-9672 Evenings.

Two 9x8 or 10x8 used roll up garage doors, wood or steel. Lanc. Call early or late. 717-653-5327.

Quick attach front end loader for 50 HP tractor. Lanc. Co. 717-354-6519.

Dump bodies: sizes 7x9, 7x10, 7x14 or 7x17 1/2. Leb. Co. 717-273-7269 anytime.

18-20' locust poles, 4"-6" small end. Will cut and haul. Chester Co. 215-384-3170.

Jamesway barn cleaner, chute and chain also for sale. Swartz 1400 loader, good condition. Lanc. 717-367-7831.

Used apple crates, bushel 1/2 bu. or other sizes. Give amt. and price. (none with staples). Lanc. Co. 215-267-7132.

Fork carriage for 310 or 273 NH baler; also 10A NI spreader for parts. State prices. Isaac Fisher, R1, Box 106, Pequea, PA 17565.

Oliver 2-way sulky plows; #8 NI manure spreader; spinner fertilizer spreader, wheel driven. Amos King, 1605 Fonderwhite Rd., Lebanon, PA 17042.

Tobacco lathe. Lanc. Co. After 6PM, 717-285-3782.

4R cultivator. Lanc. Co. 717-626-8912.

UKS Reg. American Eskimo dog, young male. Union Co., PA. 717-966-2036.

TO RENT: One or two acres, for a house trailer. Mt. Joy/E-town area. Long term lease to \$1,400 a year. 717-653-2585.

Transmission for WWII Studebaker army truck, 5SP overdrive. Lanc. Co. 717-653-4667

Small propane room heater with thermostat. Warren Co., NJ. 201-454-9920.

50 pullets, prefer red type. Also hanging feeder and nests. Levi Kinsinger, 680 Shady Rd., Kirkwood, PA 17536.

Buckell for JD 47 loader. Man who called from Columbia area. I lost your number. Balto. Co., MD. 301-239-8187.

Buying goats, sheep, lambs and dairy heifers up to 400 lb. Large numbers needed. Dealers welcome. Winchester, VA. Scott 703-869-1187.

Fox Terrier, Chihuahua and other small breed dogs; small breed AKC or none reg. puppies. Will pickup. 315-946-4399.

2x6s, 10 and 20' lengths, several hundred needed, new or used; miniature burro male or female. Lanc. Co. 717-684-3975.

Front furrow caster wheel & assembly (on land hitch) for 880 MF plow. Wayne Co. 717-689-2540.

Young miniature Jenny donkey, preferably bred. To raise with sheep. Rt. 103, Box 333, Cuttingsville, VT 05738.

JD 440 crawler loader, any condition, for parts. Bucks Co. 215-536-6800.

4500 lb. hi moisture shelled corn. Priced delivered to farm. Bed. Co. 814-652-5771.

Used hot water coal boilers with or without grates. Somerset Co. 814-445-2027.

NH grinder mixer 8"x10" extension auger. Carroll Co. 301-756-2087.

Heavy duty used roll back truck for hauling farm equipment. Beck's Yule Tree Farms, 786 Fir Drive, Walnutport, Pa. 18088.

8"x10" extension auger for NH grinder mixer. Carroll Co. 301-756-2087

MAILBOX MARKET NOTICE

FREE: Old used car tires. Will deliver pickup load up to 20 miles from Gordonville, PA. Lanc. Co. 717-768-8440.

FREE TO GOOD HOME: Springer spaniel male, liver and white. Trained to hunt. Lanc. Co. 717-285-5226.

Schuylkill Co. Fair Consignment Auction, Saturday, March 14, 9 a.m. Route 61 Schuylkill Haven. Call Kutz Farm Equip. for more information. 717-345-4882

FREE TO GOOD HOME: Guard/Watch Doberman Dog, 3 yrs. old, AKC. Bucks Co. 215-249-9117

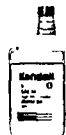
Farmland For Rent, in Hellam Twp. of York Co. 717-252-2938

We have St. Bernard stud service. Lanc. Co. 717-548-3814.

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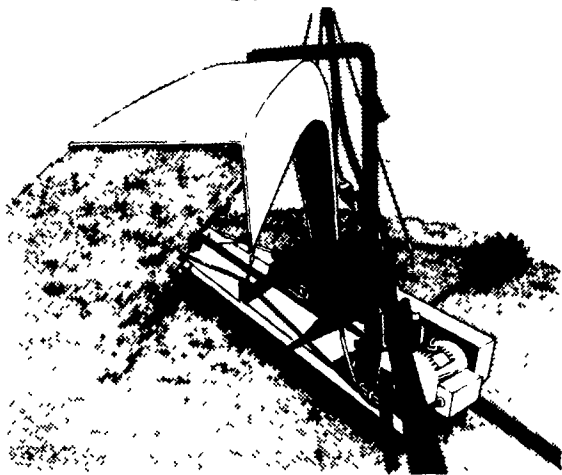


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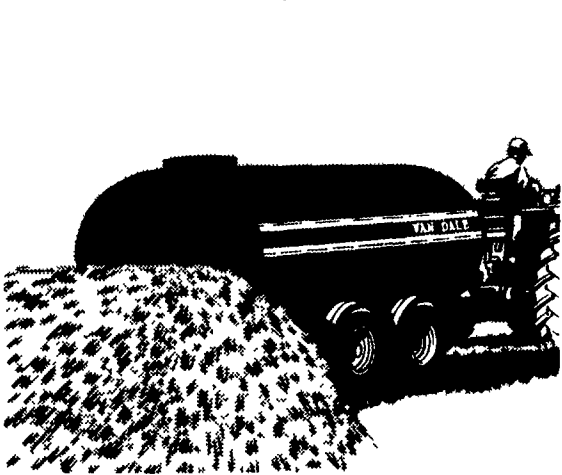
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Sale Reports

A Public Auction of real estate and mill working equipment was held January 24 for Jacob W. Nauman, Inc., a 50-year-old lumber company located along Route 72 in Manheim, Lanc. Co., Pa.

The 2 acre property included a warehouse, a workshop, a store and storage shed which was sold to Mr. and Mrs. Eugene Gible, Manheim for \$191,000.

Donald O. Nauman is leaving the lumber business to work as a minister at Hernley's Church.

Some prices were: Hyster tow motor \$6500, 1977 GMC dump truck \$6900, 1970 GMC dump truck \$5600, gas industrial tractor \$5150, 24" Powermatic planer \$4000, 36" band saw \$1450, metal scaffolding \$700, Millbury tenant machine \$1300, mortise machine \$800, stroke sander & shaker \$1000, Smith 16" joiner \$1400, DeWalt radial arm saw \$1175, 2 panel saws \$350 & \$250, circular table saw \$800, 6" joiner \$335, 10" Rockwell table saw \$360, 10" radial arm saw \$375, three-phase shaper \$825, 2 cement finishing machines \$350 & \$110, 4-drawer metal filing cabinet \$95, cast iron safe \$85, 2 portable heaters \$160 & \$105, 2 portable air compressors \$265 & \$180 and cider press \$160.

J. Omar Landis Auction Service conducted the sale, Jay M. Witman, Auct.

XXX

A Public Auction of real estate was held January 22 by Leon and Katie Peachey, 4 miles

east of Strasburg along Route 896.

The 2 acres of land with a ranch house, small barn and shop was sold for \$65,000.

Steve Petersheim and Steve, Jr. were the auctioneers.

XXX

A Public Sale of farm property and farm equipment was held for R. Lester Ammons and Barbara Jo Ammons, Hugh Kristian Hanson, Assignee on January 24 on Waller Road, Delmar, Maryland.

The following parcels of land were sold for a

total of \$181,000: parcel #1 west side of Foskey Lane 27.5 acres, parcel #2 west side of Foskey Lane 5.296 acres, parcel #3 bounded on north and south by Ammons property 20 1/16 acres and parcel #4 southeast of Waller Rd., 58.41 acres with a 3-bedroom dwelling and pole shed.

Other prices included: J.D. 4240 tractor \$18,100, 1974 J.D. 6600 combine \$6800, M.F. 1080 tractor \$6000, Ford 8600 tractor \$5100, John Blue 500 gal. sprayer \$3600, Kinsey 11-row planter \$9000 and Lilliston no-till drill Model 9680 \$8100.

Pete Richardson Auction Sales conducted the sale.

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

JANUARY

FRI. & SAT. JAN. 30 & 31 - 10AM Ea. Day. Antiques, Lamps, Collectibles, Personal Property. Springetts Fire Co. Social Hall, 3013 E. Market St., York, PA. Estate of Dr. Eleanor Hallman. Brian L. & Jacob A. Gilbert, Aucts.

SAT. JAN. 31 - 8:30AM Tack; 10:30AM Horses. Consignment Horse Sale. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

SAT. JAN. 31 - 9AM Dispersal of Ernest Shover's New & Used Farm Eq., Lawn & Garden, Shop Tools. Cumberland Co., PA. Business located in Carlisle. Traveling Rt. 34 take West South Street to sale. Sensenig Auctioneering Service.

SAT. JAN. 31 - 9AM Mechanical & Shop Eq., Contractors Tools, Testing Eq., Electrical Fittings & Misc. PA Power & Light Co., Wilkes-Barre, PA (Pittston Area). Vilsmeier Auct. Co., Inc.

SAT. JAN. 31 - 9:30AM Furniture. Toys.

Collectibles. At our Gallery, 18 E. Main St., Annville, PA. For: Local Estates and Cornwall Manor. Michael R. Fortna, CAI Auct.

SAT. JAN. 31 - 10AM Farm Eq., Tools, Building Materials. Just off Peach Rd. (between Ephrata and Farmersville), W. Earl Twp., Lanc. Co., PA. Rt. 322 E. of Ephrata turn S. onto Bethany Rd., turn left onto E. Fulton St. to Peach Rd. Terms by: Aaron S. Groff & Son. T. Glenn & Timothy G. Horst, Aucts.

SAT. JAN. 31 - 10AM Consignment Sale of Farm Mach. at Raystown AgriCenter, Inc., Alexandria, PA.

SAT. JAN. 31 - 10:30AM Valuable Saw Mill, Tractors & Household Goods. Located York Co., PA. From East Berlin, take Rt. 234 east 2 miles to sale. Or from West York, take Rt. 234 west approx. 10 1/2 miles to sale. Watch for signs. Owners: Frederick C. & Ruth H. Arnold. Melvin Haines. Ralph Brenneman, auctioneers.

SAT. JAN. 31 - 11AM Farm Eq. Located Dundee

Speedway, Dundee, NY. Farmers Home Administration, Owner. Allen's Aucts. & Real Estate People.

FEBRUARY

MON. FEB. 2 - 10:30AM Tractors, Combines, Planters, Implements, Grain Dryers. Parkland Farms, Lake Meade, Stoney Point Rd., Adams Co. Midway between East Berlin & Dillsburg on Rt. 194 at Red Mount Church turning W. onto Lake Meade Rd. 1 mi. OR: Take Rt. 94 S. from York Springs to Lake Meade Rd. thence turning E. 3.7 mis. then S. on Stoney Point Rd. Jack Anderson, Owner. Clair R. Slaybaugh, Auct.

MON. FEB. 2 - 4PM Glassware, Tin, Iron Guns, Hummels, Duck Decoys, Furniture, Collectibles. Johnson's Auct., 17 New Haven St., Mt. Joy, PA. H. Edward Johnson, Auct.

TUES. & WED. FEB. 3 & 4 - 10AM Ea. Day. Liquidation of Entire Inventory. Restaurant & Banquet. The Falcon House, 525 W. Chester Pike, Havertown, PA. Wm. F. Comly & Son, Inc., Aucts.

WED. FEB. 4 - 9:30AM Surplus Eq. for Braun Iron Works. 443 Horsham Rd., Horsham, PA. From PA turnpike exit 27 Willow Grove, use Rt. 611 N. to Rt. 463 W. Auction is left. "Land Mark"! SE corner

Willow Grove Naval Air Station. E.M. Murry Assoc.

THURS. & FRI. FEB. 5 & 6 - 3PM & 9:30AM Respectively. Antiques, Furniture, Glass & Personal Property. At Springetts Fire Co. Social Hall, 3013 E. Market St., York, PA. For: Pauline Adams and the late Dr. Claude W. Adams and Dr. & Mrs. Wm. R. Morgan, Jr. Brian L. & Jacob A. Gilbert, Aucts.

FRI. FEB. 6 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diefenbach, Manager.

FRI. FEB. 6 - 10AM Mules, Holstein heifers, hay, corn and farm machinery. Located in Centre Co., 4 mis. east of Rebersburg, PA. along Rt. 192. Owner: Amos & Rebecca King. Mark Glick, Auctioneer.

FRI. FEB. 6 - 10:30AM Clean Modern Farm Eq. 1/2 mi. S. of the village of Tunkhannock & the traffic light, along Rt. 29, next to Sire Power, Wyoming Co., PA. By: Richar L. Paulson. Ralph W. Zettlemoyer Auct. Co., Inc.

SAT. FEB. 7 - 5 Acre Farmette & Personal Property. 80 Tannery Rd. leading from Blainsport to Blue Lake West Cocalico Twp., Lanc. Co., PA. Take Blainsport Rd. at Rt. 897 Blainsport turn right on Tannery Rd. to sale. By: Elsie C. Gress. H.H. Leid Auct. Serv.

SAT. FEB. 7 - 9AM Tractors & Equipment Cons. Sale. From I-81 S. of Martinsburg, WV, take exit #5 (Inwood) WV, Rte. 51 E. approx. 3 1/2 mis. to Shutt's Cash Grocery (Formerly Haines') Turn right, 2 miles to sale. OR from Charles Town, WV, take Rte. 51 W. go approx. 8 1/2 mis. to Shutt's Cash Grocery, turn left, 2 mile to sale. Edgar A. Bohrer, Sale Mgr.

SAT. FEB. 7 - 9AM Farm Eq., HH. Along Shenck Rd. Get off 283 bypass at Salunga & Landisville, PA. Exit N. on Spooky Nook Rd. By: Jonas N. Good Harold Shaffner, Auct.

SAT. FEB. 7 - 9:30AM Digger Derricks, Derrick, Cab & Chassis, Trailers, Vans & Cars. New Jersey Bell, Bellmawr, NJ. Vilsmeier Auct. Co., Inc.

SAT. FEB. 7 - 9:30AM Tractors, Combine, Farm Mach., Vehicles, Shop & Misc. 4201 New Design

Rd., Frederick, MD, or 5 mis. S. of Frederick, MD; off Rt. 340 on Ballenger Creek Rd. (Rt. 180 S.), left 1/2 mi. on Elmer Derr Rd., right on New Design Rd. to farm on left. Mr. & Mrs. J. Daniel Geisinger, Robert C. Mullendore, Auct.

SAT. FEB. 7 - 10AM 2nd Annual New & Used Tractors & Eq. Auction at Keller Bros. Tractor Co., Buffalo Springs, Lebanon Co., PA. Between Schaefferstown & Cornwall on Rt. 419. Harry Bachman, Auct.

SAT. FEB. 7 - 10AM 7 acre Farmette & Personal Property. Located Salisbury Township, 1 1/2 mile North of White Horse, turn off of Rt. 340 on Cambridge Rd. to the corner of Seldombridge Rd. & Kauffroth Rd., Lanc. Co., Pa. Terms By: Mary A. Miller. Aucts: Robert E. & Jeffrey R. Martin & Frank L. Steller.

Mildred A. Mayes Estate from
Houston, Texas to

SPAHR'S AUCTION

44 N. Bedford St., Carlisle, Pa.

(Directly behind the old jail)

SATURDAY, FEB., 7, 1987

TIME: 10:00 A.M.

**PERSIAN ORIENTAL RUGS
SOLD AT 12:00 NOON**

Fine 12'10"x8'9" Kashan w/intricate design on blue field (semi antique); fine 7'2"x4'5" Kashan dark blue, camel and wine colors (antique); fine 6'7"x4'1" Kashan pale blue, deep rose and faded rose (antique).

FINE PORCELAIN & COPPER LUSTRE

15" hand painted Belleek by Seaman; matching pair of Dresden boudoir lamps w/lace shades; selection by many beautiful table lamps; partial dessert set in Haviland; collection of 9 lobster dishes; collection of 9 pieces of Royal Bayreuth; collection of 24 pieces of copper lustre.

GLASS—LAMPS—CRYSTAL— WELLER—ROSEVILLE—McCOY

Collection of Victorian art glass baskets, some w/thorn handles; Gone with the Wind and other kerosene lamps, including a brass and crystal chandelier w/5 lights and prisms; 50 pieces of crystal from water goblets to dessert plates; Weller vases; selection of Roseville and McCoy pieces; ice carnival compote; 2 glass epergne, one cranberry, 1 threaded blue; 2 pc. washbowl and pitcher set; large colorful blown glass animal and clown; quad. castor set complete w/6 etched bottles and stoppers; carriage clock; pair of old brass push-up candlesticks; pair of redware turks head moulds; selection of costume jewelry; Painted black shallow Indian bowl 14" across w/etched feather and bird decoration.

OIL PAINTINGS AND ETCHINGS

Over 50 framed paintings and etchings, many by Mildred Mayes; 4 tall Oriental paintings in frames.

RAYMOND SMITH FURNITURE— BOUGHT IN 1936

The following in walnut: bed; high chest; blanket chest; drop-leaf 2 drawer stand; coffee table; drop-leaf stand; drop-leaf stand w/drawer; matching pair of pedestal stands; 3 tiered stand; flat-top desk; Chippendale style mirror. The following in cherry: corner cupboard; round 4 leg extension table w/3 boards, extends to 81"; chest of drawers; pair Jenny Lind beds, complete 3/4 size, one drawer stand.

BAKER AND DREXEL FURNITURE

Tall breakfront, painted cream w/grill and glass display above, w/3 panel doors at bottom; elaborately painted cream Chinese demilune w/door and drawer; large decorative mirror to hang above demilune; 2 fine sofas, one w/fluted legs, wooden frame in blue upholstery; one w/beige upholstery; rug; upholstered chairs; office desk; bar stools; set of 6 rose carved chairs w/needlepoint seats; set of 6 kitchen chairs; other chairs and stands; Persian lamb coat and officer's dress cape; general line of household items.

NOTE: CASH WILL BE COLLECTED ON IMMEDIATE PURCHASE OF ORIENTAL RUGS. Mrs. Mayes' husband was attached to the Carlisle Medical School in 1935. Later became a prominent Houston heart specialist. Terms: Cash, personal checks accepted from established accounts only.

RONALD THORPE, Executor

Charles Spahr, Auctioneer,
243-5010, AU 001775-L

Lancaster Farming PHOTO ORDER FORM

As a service to our readers, Lancaster Farming offers you the opportunity to order prints of the photos that appear in the paper. If you would like to order a picture, please complete the form below and mail it, along with a check made payable to Lititz Record Express, Inc., to Photo Order, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

PRICES:

☐ 8x10- \$4.24 Tax Inc. ☐ 5x7- \$3.71 Tax Inc.

☐ 4x5- \$3.18 Tax Inc.

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Amount Enclosed _____

Name _____ Please Print

Address _____

Phone _____

PUBLIC AUCTION

**SURPLUS EQUIPMENT FOR
BRAUN IRON WORKS
WEDNESDAY, FEB. 4, 1987
9:30 A.M.**

**FORKLIFTS, ANTIQUE TRUCKS,
METAL WORKING EQUIPMENT,
TOOLS & SUPPLIES,
50' MOBILE HOME EXT.**

Located at 443 Horsham Road Horsham, Penna. from Penna. turnpike exit 27 Willow Grove, use Rt. 611 north to Rt. 463 west. Auction is on left. "Land mark"! southeast corner Willow Grove Naval Air Station.

The following items Verson 8' press 45 ton cpy. SN 2079-2855, various forklifts include Hyster, Clarke and others, tugger, Del-Vane hyd. power units 30 h.p. 3 ph. Lodge-Shipley lathe, Cincinnati Horizontal grinder with Filmatic-SN4U2B1-17, Cardboard compactor, numerous welders including Miller SR40 Miller Thunderbolt 40 to 225 amp, Bernard, Marquette, Lincoln, Arico 225 Wasp AC welder Generator, Miller DC arc welder mdl. SR400, leads, Airco welding wire, aceteylene units, Keystone upright 3 h.p. air compressor, 8 h.p. cement mixer, clamps, vises, numerous air tools, Arbor press Ryerson Circle shear, drill presses, chain blocks, snap blocks, cable pulleys, pole jacks, Skil 736 roto hammer, NCGC02 heaters, acorn tables, C&M traveling hoist and controls, hoist trolleys, platform scale, work bench, rod bender, Oster bender, stencil cutter, foremans desk, heat sealing unit for packaging, space heater, gun burner, large truck tow bar, fuel pumps for portable tanks, dock plates, lockers, misc., electrical supplies, rigid pipe threader, general post hole digger, hardware, electric golf cart, air nailers, hyd. winch, water fountain, banding unit, tool boxes for pick up truck, older mdl. Chicago and Schram compressor, 1942 G.M.C. truck with coal body, 1946 4 wheel drive G.M.C. tractor with 10' snow plow also numerous items of value not listed.

**Auction for
BRAUN IRON WORKS
Willow Grove, Pa.
(215)657-8113**

E.M. Murry Associates

10 S Broad St
Lititz, PA 17543

Elmer Murry 626-2636
Richard Murry 626-8175
Professional Auctioneers
Appraisers and Advisors
Since 1953
AU-00648-L

2nd ANNUAL NEW & USED TRACTOR & EQUIPMENT AUCTION

At Keller Bros. Tractor Co., Buffalo Springs, Lebanon Co., PA
Between Schaefferstown & Cornwall on Rt. 419

SATURDAY, FEB. 7th, 1987

10:00 A.M.

No Reserve, All Items Go To Highest Bidder

SEVERAL NEW KUBOTA LAWN & GARDEN TRACTORS

KUBOTA TRACTORS

New G3200, G4200 gear, G4200 Hydro; B6200 2WD; B6100 2WD; L305 DT w/blade & backhoe; L225 w/loader; L260.

FORD TRACTORS

4000 tricycle 8 speed, 4000 Industrial loader tractor, 961 tractor, 9N tractor.

USED OTHER TRACTORS

JD 2940 very good condition, 2 Farmall H tractors, 504 IH, Super C, JD 440 w/loader, Case loader tractor, 2WD Beaver Satoh, Farmall Cub w/cultivator, Oliver 550 gas new PTO clutch, Loader for 550 Oliver.

USED WINDROWERS

PT10 Hesston, JD 1209 Mower Cond., Gehl 9', Several other used windrowers coming in.

BALERS

484 New Idea round baler, 275 New Holland square baler.

GRINDER MIXER

358 New Holland.

LAWN & GARDEN TRACTORS

317 JD w/mower, 112 JD, Craftsman 8HP, Walk behind sickle bar mower, IH Cub 100, JD 110, AC B212 blown engine, 5HP Snapper, Bolens 7HP, Wheelhorse 12 HP, Wheelhorse B80, Simplicity 12HP, White 12HP, Wheelhorse 8HP, IH Cub 108, Simplicity 7016, Ford 8HP blown engine, Dynamark 8HP, IH 125, Wheelhorse C-160, Wheelhorse 8HP, Jacobsen, Gibson, Bolens, Case 448 Roper w/loader & other attachments, economy, IH 126, most of these tractors have mover decks, several have snow blades or blowers. Very nice selection to choose from.

TRAILERS

1975 Summit 4-Horse Trailer w/Goose neck & plate, 4 Place EZ snowmobile trailer w/sides & tool box, Portable kerosene shop heaters.

KELLER BROS.

SINCE TRACTOR CO. 1921

R7 Lebanon, Pa. 17042
Rt. 419 1 mile West of Schaefferstown, Buffalo Springs
Lebanon County 717-949-6501

Food Stand At Sale

LAWN & GARDEN EQUIP.

Used Ariens rear tire tiller, Parker sweeper, Mighty Mac shredder, Toro mower, large selection of garage items, Coats tire changer, valve grinder, many many others. Very nice selection of plows & cultivators for lawn & garden tractors. New Kubota walk behind Rototillers, also several new Ford Rototillers.

Several new Ford walk behind mowers. New Demo YT 16 Ford yard tractor, 2- new Leinbaugh post hole diggers, 1- used Leinbaugh post hole digger, Several sets (used) rear tractor tires.

MISC. FARM EQUIP.

M&W Subsoiler 5 shank, Gehl flail chopper, JD flail chopper, Pequea tedder, New Idea wheel rake, Chevy tool truck, Ford 4 row corn planter, 2 Ford 2 row corn planters, several Sauder loaders, several used discs, several 1,2,3 & 4 bottom plows, used sickle bar mowers, 750 Herd seeder, Dearborne mower, 3pt. sprayer, McKormick plow, 6' IH disc, Ford 2 row cultivator 3pt., IH transport disc, rear 3pt. cranes, large selection of parts for 8 & 9N Fords, Brady 9 shank chisel plow, JD 8300 grain drill excellent cond., Landall 7 shank soil saver (almost new), 3 pt. 6' McKee Sno-lander, 500 gallon field sprayer w/floating booms, 200 gallon 3 pt. sprayer.

Because Of Our Strong Sales In 1986 We Have A Large Selection
Of Good Used Tractors & Equipment.

SPEEDY CREDIT APPROVAL

By Filling This Form, You Will Be Pre-Approved To Purchase
And Finance.

Name _____

Address _____

Social Security # _____

Signature ✓ _____

* For Faster Processing Please Mail Or Phone This Information
Prior To Sale Date.

* On Sale Day Credit Approval Will Take About 15 Minutes.

List is subject to
change due to our
day to day
business.

Auctioneers
Harry Bachman Peter Krall
AU 0000 33-L AU 0014 32-L
Phone Phone
(717) 867-1809 (215) 264-1088

Auctioneers Note: All items go to the
highest bidder. Don't miss this sale.

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

SAT. FEB. 7 - 10AM
Consignment Auct. of New
& Used Farm & Industrial
Tractors & Machinery to
be held in our yard on the
corners of Rt. 38 & 38B,
Newark Valley, NY. 19
mis. W. of Binghamton,
NY. Goodrich Auct. Serv.
Inc.

SAT. FEB. 7 - 10AM Farm
Eq. Wineland Eq. Inc.,
RD2, Martinsburg, PA. On
Rt. 164, 2 mis. E. of
Martinsburg, PA. 4 mis.
from Altoona Airport.
Blaine N. Rentzel, Auct.

SAT. FEB. 7 - 10AM
Persian Oriental Rugs,
Porcelain & Copper
Lustre, Oil Paintings,
Etchings, Furniture, etc.
Located Spahr's Auction,
44 N. Bedford St.,
Carlisle, PA. Directly
behind the old jail. Mildred
A. Mayes Estate. Charles
Spahr, Auct.

SAT. FEB. 7 - 11AM
Trucks, Tractors, Com-
bine, Farm Eq. Going from
Clayton, DE, to Massey,
MD. on Rt. 40 turn right
onto Rt. 7 at the electric
power station. Third farm
on right. The Geo. Beck
Farm. C.T. Scuse & Sons,
Inc., Aucts.

SAT. FEB. 7 - 11AM 45
Holstein Heifers, Titled
Vehicles, Equipment,
Produce. At the former
Frank Lent Farm on Rt. 49
between Gold and
Coudersport, Potter Co.,
PA. Mr. & Mrs. Rodney
Hershey, Owners. Pirrung
Aucts., Inc.

SAT. FEB. 7 - 9AM & WED.
FEB. 11 - 3:30PM Ab-
solute Auction of former
inventory Billmyer's
Jewelry Store. To be held
at Brickerville Fire Hall,
located just off Rt. 322,
approx. 8 mis. west of
Ephrata, Brickerville,
Lancaster Co., PA. Terms
by The Ephrata National
Bank. T. Glenn Horst,
Auct.

TUES. FEB. 10 - 10AM
Stove Manufacturing
Plant. 27 N. Washington
St., Boyertown, rear of
Schmoyers Home Center.
By: Order of S.B.A. Hess &
Moyer, Aucts.

TUES. FEB. 10 - 2PM 94
Acre M/L Dairy Farm. S. of
Canton from Rt. 14 go W.
on Rt. 414 exactly 5 mis.
to farm on right. Neil &
Karen Fisher Sanford G.
Leaman, CAI Auct.

WED. FEB. 11 - 10AM Cla-
Fan Holstein Dispersal,
Barn Eq. Lanc. Co., PA. 1
mi. N. of Gap along 897.
Clair & Fannie Bowman.
Steve Petersheim & Steve
Jr., Aucts.

THURS. FEB. 12 - 9:30AM
5 mis. W. of Lewisburg,
just off Rt. 192 & 3 mis. N.
of Vicksburg along Beaver
Run Rd., Buffalo Twp.,
Union Co., PA. John M. &
Anna N. Burkholder,
Owners Bryan D. Imes,
Auct.

THURS. FEB. 12 - 10AM
13 Acre Farm. N. end of
Bowmansville at junction
of Rt. 625 and Lauchtown
Rd., Brecknock Twp.,
Lanc. Co., PA. Terms by
Mahlon & Ada Horning
Elton Horning Farm
Agency, Elton Horning,
Auct.

THURS. & FRI. FEB. 12 &
13 - Noon Ea. Day.
Glassware, Jewelry,
Paper Americana, Sterling
& gold Pcs., etc. 1 1/10
mis. N. of Manchester, PA,
along Rt. 181, turn Right
at White Rock. Rentzel's
Auct Service.

FRI. FEB. 13 - Barry
Johnon Farm Machinery,
Airville Area, York Co. J
Everett Kreider, Auct

FRI. FEB. 13 - 9AM Farm
Eq. New Holland Sales
Stables, Inc., New
Holland, PA. Abe Dif-
fenbach, Manager

FRI. FEB. 13 - 11AM
Carroll's Construction Eq.
Auction, Cars, Trucks,
Loaders, etc. Felton, DE
Carroll's Sales Co., Inc.,
Aucts.

SAT. FEB. 14 - 9AM
Horses and Horse Drawn
Machinery. Located in

Mifflin Co. between
Belleville and Milroy, PA,
1/2 mi. E. of Barrville along
Back Mt. Rd. John B.
Hostetler, Jr. and Ner
Hostetler. Mark Glick,
Auct.

SAT. FEB. 14 - 9AM
Consignments Now Being
Accepted. Suburban
Contractors Assn.,
Essington, PA. Vilsmeier
Auct. Co., Inc.

SAT. FEB. 14 - 10AM
Farm Machinery, Feed,
Dairy Eq., HH. 802

Ashville Rd., Lanc. Co.,
Oxford, PA. From U.S. Rt.
1, take Nottingham Exit to
Rt. 272 N. approx. 4 mis.
to Pine Grove Rd. Take
Pine Grove Rd. N. to Hart
Rd.; left on Hart Rd. to 1st
farm on right. Charles J.
Wallace, Owner. Aber-
deen Sales Co., Inc.

SAT. FEB. 14 - 10:30AM
Dairy Cows and Farm Eq.
Located along Cocalico
Rd. between Scheoneck
and Cocalico, RD 2,
Denver. Edwin W. and
Mary Ann Zeiset, Owners.
Paul Martin and John D.
Stauffer, Aucts.

SAT. FEB. 14 - 10:30AM
Farm Eq. 12 mis. NE of
Fort Wayne, Indiana, on
State Rd. 37 or 1/4 mis.
NE of Harlan, Indiana, on
State Rd. 37. Ralph

Thimlar Estate. Schrader
Real Estate & Auction Co.,
Inc.

SAT. FEB. 14 - 11AM
Trucks, Combines,
Tractors, Grain Tanks.
Curtis Steen, Jr., Piney
Neck Rd., Dagsboro, DE.
Pete Richardson Auct.
Sales.

SAT. FEB. 14 - 11AM
Farm Mach. Rt. 331
between Rhodesdale, MD,
and Vienna, MD. Mr. &
Mrs. Charles Bell,
Owners. Walton P. Taylor,
III, Auct.

SAT. FEB. 14 - 1PM Ar-

nold's 46th Hog Sale.
Duroc, Crossbred,
Hampshire, Landrace,
Yorkshire, Lebanon
Fairgrounds, Lebanon,
PA. Harry Bachman, Auct.

SAT. & SUN. FEB. 14 & 15
- Antique Auction.
Troxelville Auct. Gallery,
Troxelville, PA. C.P.
Jacobs, Jr. & Roy L.
Martin, Aucts. Joe Her-
man, Sale Manager.

MON. FEB. 16 - Tractors,
Field Eq., Combines,
Industrial, Trucks. Hale's
Farm Eq., 3099 Hart Rd.,
Lebanon, OH.

COMPLETE EQUIPMENT DISPERSAL PUBLIC SALE

PARKLAND FARMS
LAKE MEADE- STONEY POINT ROAD-
ADAMS COUNTY

TRACTORS-COMBINES-PLANTERS
-IMPLEMENTS- GRAIN DRYERS- ETC.
MONDAY, FEB. 2, 1987

AT 10:30 A.M.

Will Be Held On The Farm Located
Midway Between East Berlin & Dillsburg
On Route #194 At Red Mount Church
Turning West Onto Lake Meade Road 1
Mile Or: Take Route #94 South From
York Springs To Lake Meade Road
Thence Turning East 3.7 Miles Then
South On Stoney Point Road. (Sale Signs
Posted)

4-TRACTORS-4

1985 Steiger Cougar K.R. 1225, 400 hrs., double
dual wheels, 18.4R .38 tires; STEIGER
COUGAR 11, 28L-28 Tires; J.D. #4440 Diesel
Wide front, power shift with roll guard, 20.8-38
tires and front weights; J.D. #3010 Diesel N.F.,
6 cylinders.

2-COMBINES-2

2 JOHN DEERE #6620's with #643 Corn Heads
and #215 Grain Heads, Both Hydrostatic, Both
with Straw Spreaders, 1 with Sensor.

PLANTERS

2 J.D. #7000 6-Row Corn Planters, Conservation
liquid fertilizer; 4 200 gal. capacity saddle
tanks; JOHN DEERE Series 1800 23 disc grain
drill with band seeder; Lilleston #9680 18 disc
no till grain drill.

IMPLEMENTS

WIL-RICH 2900-MP Tongue Plow 7-18"
automatic spring reset; ALLIS semi-mount 6-
16" plow, hydraulic reset; J.D. #1600 12 tooth
chisel plow; TUBBEN 7-tooth subsoiler;
KRAUSE #4900 20' wing disc; Brillion 23" Wing
packer; J.D. Heavy Duty 12' transport disc;
J.D. 1710A series drawn mulcher tiller;
MILLER 12' offset transport disc; BRILLION
14' Culti-mulcher; 12' stone rake; J.D. #1209
mower conditioner; J.D. #350 7' sickle bar
mower; 3 Pt.; N.H. Diesel #1282 self-propelled
baler; N.H. #1049 bale wagon, self-propelled;
Zimmerman 32' hay and grain elevator with
motor; WOODS R107 Rotary mower; N.H. #256
rake; 6' scraper blade; MAYRATH
CARRIAGE GRAIN auger; 20'x5" with motor;
BADGER manure spreader w/double beaters;
J.D. Heavy Duty Wagon chassis; 10T w/hi
flotation tires.

CORN DRYING & STORAGE EQUIPMENT, SILO, ETC.

4 BUTLERS, 1-30,000 bu., 3 12,000 bu.; Martin
1,000 bu.; 2 Drying fans; 2 BUTLER FANS:
30'x6" Auger; MIX-Mill 50' Leg with 6"
Bucket; Rotary type grain cleaner with bin;
FICKES 18'x60' Silo, used 3 seasons; BADGER
Mdl. BN2400 Silo unloader used in 18' silo; 2
BADGER Ensilage elevators; 1 40' & 1 30' with
motors; BADGER Mdl. #BN60 80' conveyor &
bunk feeder; 2 Cattle oilers; 2 BADGER stock
waterers w/heater; Small stock scales.
Come early very few small items.
Not responsible for accidents at sale.
AUCTIONEERS NOTE: A REAL CLEAN LOT
OF EQUIPMENT, MOST BEING 1 to 4 YEARS
OLD.
TERMS: Cash or good check with letter of
credit accompanying out of state checks. I.D.
Required.

OWNER,

JACK ANDERSON
3150 Stoney Point Rd.,
East Berlin, PA 17316
PHONE: 717-259-9573

CLAIR R SLAYBAUGH, Auctioneer
717-677-7479 PA License 856L

SALE CONDUCTED IN LARGE
STORAGE MACHINE SHED
Lunch stand at sale

1ST ANNUAL PIEFFER HILL CONSIGNMENT AUCTION

FARM MACHINERY, LAWN
& GARDEN, FURNITURE, MISC.
SATURDAY, MARCH 28, 1987

9:30 A.M.

Location: From Exit 21 Pa. Turnpike take
272 South to first light. Turn left on
Church St. thru Reamstown to Red Run
Rd. Turn left go 1/10 mi. turn left on
Steffy Rd. approx. 1/2 mi. on left.

To consign your items for this auc-
tion, call Art at 215-267-7855 or Allen
at 215-267-3113.

Watch for full listing in later issue.

Terms by
PIEFFER HILL CONSIGNMENT AUCTION

Auction Conducted By
Randal V. Kline, Lloyd H. Kreider
Roy E. Good Jr. Auctioneers 2116-L



KLINE & KREIDER AUCTIONEERS

(215) 445-4309

PUBLIC AUCTION

SATURDAY, FEB. 7 @ 10:00 A.M.

Consignment Auction Of New & Used
Farm Tractors & Machinery To Be Held In
Our Yard On The Corners Of Rt. 38 &
38B Newark Valley, NY. (19 Miles West
Of Binghamton, NY; 6 Miles North Of
Owego, NY)

TRACTORS

Oliver 1655 New Motor!; MF 50G Original!;
MF 135G w/1800 Hrs.; JD 4010 Utility; Ford
860; Oliver 550 w/Allied Loader; Farmall Cub
w/Ldr.; Farmall 240; Ford Jubilee; 2-8N's;
MF 1150 w/Duals; Belarus 520, 250; Case 800,
600; JD 820, 720; AC B; MH Pony w/Ldr; JD
440 Crawler; IHC 464, 766; More Arriving...

MACHINERY

NH 477 Haybine; NH 519 Spreader; AC 4 Row
No Till & IHC 56 Planters; Oliver & JD Grain
Drills; JD 37 Loader; JD 16A Flail Chopper; 2
Front Snowblades; 2 & 3X Plows; Crop
Sprayer; Garden Tractors & Equipment; JD &
NH Pickup Heads; IHC 5X Semi Mtd. Plow;
New 3 Pt. Disc Mower; Fast Hitch Rear Blade.

MISC.

20' Van Body; Bobcat Stabilizer Units; Tractor
Tires, Rims; Small Tools; Seat Cushions; Log
Chains; Coins; Walk Behind Snow Blowers;
Tire Changer.

TRUCKS

1979 GMC 6000 w/Wooden Cattle Body; 1973
Ford F-600 S/A Dump Truck.

NEW EQUIPMENT

Large Assortment Trailers, Blades, Mowers,
Plows, Wagons, Fert. Spreaders, Etc... Small
Small Items At Start Of Sale.
More Arriving Daily- Your Consignments
Welcome- Items Subject To Change-Sale Held
Regardless Of Weather.

SALE BY:



GOODRICH

AUCTION SERVICE INC.

Rte. 38 & 38B,
Newark Valley, New York 13811
607-642-8688

SOLANCO COMMUNITY FARM EQUIPMENT CONSIGNMENT SALE

Location: 1 mile south of Quarryville on
Route 222. At the Crossroads of Route
222 and Solanco Road, Lancaster Co.,
Pa.

WEDNESDAY, MAR. 4, 1987

11:00 A.M.

Farmers— Need Operating Capital?
Turn unused equipment into Cash.

For information or consignment call 786-
1304. Between 9 a.m. & 4 p.m. An ab-
solute auction sale.

All major items listed on or before Feb.
14 will be advertised. Equipment to be
delivered to sale site week of Feb. 23 to
27, 9:30 A.M.-3:30 P.M.

Sale Managed By

PENNSTAR FARM

786-1304

Aucts.: E. Kreider, Bucher
& Heaps AU000512L

PUBLIC AUCTION

FARM MACHINERY, FEED, DAIRY
EQUIPMENT, HOUSEHOLD GOODS

The undersigned, having sold his farm,
will sell the following at public auction on
the farm located at 802 Ashville Road,
Lancaster Co., Oxford, Pa. From U.S. Rt.
1, take Nottingham Exit to Rt. 272 north
approx. 4 mi. to Pine Grove Rd. Take
Pine Grove Rd. north to Hart Rd; left on
Hart Rd. to 1st farm on right. From
Quarryville, Pa., take Rt. 472 south
approx. 6 mi. to Spruce Grove Rd.; right
on Spruce Grove Rd. approx. 3 mi. to
Ashville Rd; left on Ashville Rd. 1/2 mi. to
farm.

SATURDAY, FEB. 14, 1987

10 A.M. Sharp
Signs posted.

FARM MACHINERY: J.D. 4020 diesel tractor
w/front 5 range, J.D. 1010 tractor w/front, J.D.
B tractor - power troll, A.C. D-19 tractor, J.D.
36-A loaded w/snow bucket & fork, scraper
blade 7', J.D. 2600 5 bottom 16" reset plow, J.D.
KBA 10' disc, J.D. 210 disc, 504 Vermeer baler,
Brillion 11' cultipacker, J.D. 16' wheel barrow,
Brillion 14' cultipacker, Mohawk 11 tooth chisel
plow, N.I. 2 row wide corn picker 12" husking
bed, A.C. no-till corn planter w/monitor &
boxes, Ferguson 2 row cultivator, J.D. 2 row
mounted workers, Int'l. cultivator, J.D. 336
baler w/thrower, N.H. 479 haybine, N.H. 258
hay rake, Pequea hay tedder, N.I. 270 con-
ditioner, 2 J.D. 960 hay wagons, 1 7 ton hay
wagon, 3 N.H. 6 ton grain wagons, Little Giant
grain wagon, N.H. 1880 self-propelled har-
vestor w/3150 cat engine w/2 row wide head & 3
row narrow head w/pickup head, N.H. 28
blower w/40' pipe, 2 A.C. self-unloading wagons
w/electric wheels, A.C. 8 ton wagon, J.D. #8
mower, Massey Ferguson 510 combine w/4 row
wide head - 13' grain head & down corn at-
tachment, A.C. combine - PTO, Century
sprayer - 250 gal. tank - 14' booms & pump, N.I.
3 beater spreader, Little Giant 36' PTO
elevator, N.H. 30' elevator, Ruth 34' elevator, 2
1 ton cattle feeders, creep feeder 400 lb. cap.,
1000 lb. platform scale, 500 lb. platform scale,
Echo weed eater, Echo 451VL 16" chain saw,
4000 bu. grain bin w/air dryer & MFS storage,
500 gal. fuel tank, 100 gal. fuel tank, 150 gal. fuel
tank, header wagon, tool box for pick-up, 1964
16' dump 150 gal. fuel tank, header wagon, tool
box for pick-up, 1964 16' dump truck for grain, 3
wagon loads of small farm tools & supplies.

FEED: 2000 bu. ear corn, 1000 bales mixed hay,
1000 bales wheat straw.

HOUSEHOLD GOODS: Lovely cherry loveseat in
excellent cond., cherry rocker in excellent
cond., etc.

Lunch will be served by Grange.

Not responsible for accidents day of sale
TERMS: CASH or approved check with letter
of credit from bank and proper I.D.

OWNER:

CHARLES J. WALLACE

802 Ashville Road
Oxford, Pa. 19363
Phone: 717-529-2754

ABERDEEN SALES CO. INC.
Phone: 301-836-7590

Sale Managers/Auctioneers
Located in Churchville, Md.
Auctioneers: Lloyd Kreider
Quarryville, Pa.
AU 000 513 L
Kent Ferrell, Jr.
Churchville, Md.

Auction

**STOVE MANUFACTURING PLANT
TUESDAY, FEB. 10, 1987**

10 A.M.

27 N. Washington St., Boyertown,
Rear of Schmoyers Home Center

EQUIPMENT & TOOLS: 1978 C.50 Chev. Stake Body Truck, 17,400 lbs. gross weight. Computer-Commodore Tractor Printer series 2020, CBM Floppy Disc Drive Model 8050, Keyboard & Screen 8032, Letter Quality Printer 8300 P. DeVilbiss Paint arrester type Spray Booth; Aro. Paint Dispenser & Mixer; Powermatic 4-spindle Drill Press; Allen 6-spindle Drill Press; 3 Powermatic air-powered Drill Presses; J.G.A. Spray Gun; 12 in. wide Band Saw; Radial Skill saw, 12 in.; ½ ton Chain Hoist; Miller Elec. Welder, S.R. 200; 2 welding Jigs; table model Bench Saw; Barrel Rolls; 2 portable Dayton Oil Heaters; Hydraulic Hand Lift; 15 sections 10 ft. Conveyor Rollers; Industrial Dollies; Industrial Storage Racks; 2 skids new stove bolts; skid stove Molds; hand Tools, Air Hoses, file cabinets, 4 Office Desks & Chairs, 3 water recycling Units, etc. Personal property of Cawley Stove Co.

Sold By
ORDER OF S.B.A.

Hess & Moyer, Aucts.

Conditions cash or approved check on day of sale.

Removal same day. Bring your Trucks!

489-7127 948-8050
HESS & MOYER
Au 409L AUCTIONEERS Au 642L
115 HESS ROAD • COLLEGEVILLE, PA 19426

Public Auction Register

PUBLIC AUCTION

**13 ACRE FARM
THURS., FEBRUARY 12, 1987
at 10:00 A.M.**

Located at north end of Bowmansville at junction of Rt. #625 and Laughtown Road, Brecknock Twp., Lancaster County, Pa.

House

2½ story, 1st floor has large new kitchen and dining area, family room and living room. 2nd floor has 3 bedrooms and full bath.

Barn

Frame bank barn with new metal roof, upper area used for hay & straw storage, lower area stable for approx. four horses and ten head of cattle, also several other out buildings, all buildings are in good condition.

Land

Approximately 13 acres all open ground no woodland. Approx. 8 acres tillable balance in meadow and building area. Terrain gentle slope. Zoning is Residential Medium. Water supply by well and pressure system. Public sewage.

Inspection anytime by appointment.

10% down day of sale, final settlement on or before March 28, 1987.

Elton Horning Farm Agency 215-286-0135

Terms by:
MAHLON & ADA HORNING

Elton Horning Auctioneer #000434

MON. FEB. 16 - 10AM
Four Tractors, Hi Lift, Trucks, Car, Orchard Eq. Paradise Orchards taking PA Rt. 234, 1 mi. E. of East Berlin, PA, or 9 mis. W. of York, PA, on Rt. 234, turn N. onto Canal Rd. go ¼ mi. and turn onto Short Rd., first farm.

Hostetter Paradise Orchards, Owners. C. David Redding, Auct.

MON. FEB. 16 - 10:30AM
Complete Liquidation of the largest grower-packer of potatoes in New Jersey. J&B Potato and Grain Farms, Inc., Hightstown, Monmouth Co., New

Jersey, Owners. Pirrung Aucts., Inc.

TUES. FEB. 17 - 9AM
Holstein Cows, Heifers, Mules, Farm Machinery, HH. Located from Strasburg traffic light go S. on May Post Office Rd., 4 mis. turn E. on Springville Rd., approx. 1 mi. to sale. For: Daniel F. & Hanna B. King. Kreider & Kline Auct. Service.

TUES. FEB. 17 - 9:30AM
Farm Mach., Mules, HH. 1 mi. E. of Intercourse, PA. Samuel L. & Rebecca Esh, Owners. Steve Peter-sheim & Steve Jr., Aucts.

WED. FEB. 18 - 9:30AM
Farm Mach., Horses, HH. ½ mi. S. Vintage. Jacob S. & Rebecca H. Beiler, Owners. Steve Peter-sheim and Steve Jr., Aucts.

WED. FEB. 18 - 10AM
Modern Farm Eq. Located 3 mis. W. of Greencastle, PA. Mr. & Mrs. H. Eugene Lawson, Owners. Robert C. Mullendore, Auct.

THURS. FEB. 19 - Midrock Holsteins, Wm. G. Blose, Penn Laird, VA. (Near Harrisburg). 225 Reg. Holsteins. Ownby Auct. & Realty Co., Inc.

THURS. FEB. 19 9AM
Farm Equip. Located between Soudersburg & Paradise at 2969 Lincoln Hwy., Rt. 30, 8 miles East of Lancaster. Terms By: T.J. Wheary & Sons. Aucts: Robert E. & Jeffrey R. Martin & Blaine Rentzel.

THURS. FEB. 19 - 9AM PA
Draft Horse & Mule Association Sale. Penn-sylvania State Farm Show Building, Corner of Cameron & McClay Sts., Harrisburg, PA.

THURS. FEB. 19 - 9:30AM
Longview Farms (Punk Bros.), Rt. 526, Imlaystown, NJ. Farm Mach., used on 1000 acre potatoe & grain farms. Sale by: Col. Fred R. Daniel Aucts., Inc.

THURS. FEB. 19 - 9:30AM
Horses, Mules, Dairy Eq. & Farm Machinery. Centre co., ¼ mi. W. of Madisonburg, PA, turn S. off Rt. 192, 1st lane. Henry F. & Anna Beiler. Mark Glick, Auct.

THURS. FEB. 19 - 10:30AM
Six Tractors, Farm Equip. From Honey Brook take Rt. 322 east approx. 6 miles to Rt. 82, turn right proceed 1 mile to sale on left. From Rt. 30, take Rt. 82 north approx. 4 miles to sale on right. West Brandywine Twp., Chester Co., PA. Allen S. and Alta W. Hoover, owners. Nevin Z. Martin & Lewis B. Groff, auctioneers.

THURS. & FRI. FEB. 19 & 20 - Large Two Day Sale of Farm Eq., etc., at our place of business, 1 mi. E. of Marion, PA, off Rt. 81. Ralph W. Horst, Manager

FRI. FEB. 20 - Willowlyn Farms Inc., Catlett, VA. Between Fredericksburg & Warrenton. 125 Reg. Holsteins. Ownby Auct. & Realty Co., Inc.

FRI. FEB. 20 - 9:30AM
Farm Eq. ½ mi S of Fogelsville, 8 mis. W of Allentown, PA. For Joshua & Althea Grim. Ralph W. Zettlemoyer Auct. Co., Inc.

FRI. FEB. 20 - 9AM
Horses, Cattle, Machinery, some Furniture, items for school 4 mis. W. of McClure, PA, turn N off Rt. 522 at the Mifflin/Snyder Co. Line. Noah A. & Elizabeth Yoder. Mark Glick, Auct.

FRI. FEB. 20 - 10AM
Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diefenbach, Manager

FRI. FEB. 20 - 10AM
Farm & Dairy Eq. Fred & Dorothy Black, Kings Hwy., 1 mi S of Swedesboro, NJ. Cowtown Aucts., Inc.

FRI. FEB. 20 - 6:30PM
Coin Sale. Winterstown Fire Hall, York Co. J. Everett Kreider, Auct.

SAT. FEB. 21 - 320 Clay School Rd., Ephrata. Selling Farm Equip. & Tools for Mrs. Paul H. Buchter. Paul E. Martin, John D. Stauffer, Auctioneers

Public Auction

**Farm Machinery, Antiques,
Household Goods
Saturday, February 21, 1987
9 A.M.**

Location: Take Rt. 272 South of Lancaster 9 miles. Or 4½ miles North of Buck, turn East on Pennsy Rd. ¾ mile to sale.

Terms By
Ira T. & Mary H. Harnish

Auctioneers Conducting Sale:
Lloyd Kreider, AU000513L,
Randal Kline, Roy Good, Gary Shirk
717-786-3394



Kreider & Kline Auctioneers

MESSICK FARM EQUIPMENT Annual Consignment Auction

Thurs., March 5, 1987

Equipment you have no more need of, consign it to this public sale.

We will list it free if you bring it in before Feb. 23, Call (717) 367-1319, (717) 653-8867, 1-800-222-3373.

Sale Conducted By:
Raymond Miller's Auction Service
A0617L
717-653-8762

PUBLIC AUCTION

of
**Trucks - Tractors - Combine
Farm Equipment
SAT., FEBRUARY 7, 1987
11 A.M.**

LOCATION: Going from Clayton, De. to Massey, Md. on Rt. 40 turn right onto Rt. 7 at the electric power station. Third farm on right. The George Beck Farm.

TRACTORS & COMBINE

4230 diesel John Deere tractor with quadrange 18.4x44 tires (3685 hrs.); 970 diesel Case Agri-King tractor with cab, air, power shift, 18.4x38 tires (2133 hrs.); 830 gas Case tractor with Dual Range drive & eagle hitch; M gas Farmall tractor w/loader; 1400 New Holland diesel combine w/cab, air, #960 13' cutter bar & #962 4 row wide corn head.

FARM EQUIPMENT

7000 J.D. conservation no-till 4 row planter w/dry fertilizer boxes & insecticide boxes & monitor, Int. #475 14' disc w/dual wheels (1 yr. old), 14' Brillion crowfoot packer, 14' Brillion solid wheel packer, transport wheels for packer, 6 row Brillion S Tyne cultivator, Case B-137 14' disc, Brillion 14' field cultivator, J.D. F-145 J.D. 5x16" plow, 10' Ferguson chisel plow w/buster bar, 5 bottom plow packer, 6"x25" grain auger on wheels, J.D. #737 Gyromor 14' rotary mower, J.D. 6' rotary mower on wheels, funnel body wagon, J.D. 14' fertilizer drill, Servis 7' 3ph blade, 275 skid tank, 110 gal. fuel tank & pump, 3ph lift boom, 18.4x34 duals, 16.8x28 duals.

TRUCKS

1966 Ford F-700 5 speed w/16' grain body; 1958 Chevy 4 speed 2 axle w/13' grain body; 1957 Ford 4 speed 2 axle w/14' grain body

No small items-So be on time for equipment
Terms: Cash or Approved Check

Owner
HARRY WALTON

Sales Mgr. & Auctioneers
C.T. SCUSE & SONS, INC.
302-653-7530

Lunch



Farm in the heart of Big Valley - Mifflin County - Belleville area.

**REAL ESTATE
to be offered in**

PUBLIC SALE

on SATURDAY, MARCH 14, 1987

at

MACHINERY SALE & HOUSEHOLD GOODS

of Stephen W. and Bertha M. Zook sale date, 1:00 P.M.

Farm consists of 2 barns, 3 houses, machine sheds, 2-car garage and land if not sold before above date.

Barn 1- 2 story w/20 Sho-Eze tie stalls, gutter cleaner, 2½ in. stainless milk line, 5 units DeLaval milkers, 800 gal. Muller bulk tank, pre heater, water heater, etc. Feeding area consists of bunk feeder under roof for 60 head cattle, taper board feeder, also 3 silos w/unloaders, nearby, push button feeding.

Barn 2- Consists of 2 story structure w/large area for cattle of all sizes & ages, with lot of room below & above for feed storage, milking equipment may be offered separate from farm.

Houses all in good repair w/electricity, heat, bath, running mt. water w/1 acre of mountain ground where water supply comes from.

Land consists of total 79 acres- app. 50 acres of high fertility limestone ground, bal. pasture w/nice large trout stream running from one end to other. Total land app. 79 acres. Hard surface road between house & barn. Onsite around barn and cattle area. Farm zoned for agriculture and industry.

Please Note- There are many future possibilities for this farm in this special area. Must be seen to be appreciated.

TERMS OF SALE: 10% down - bal. day of settlement.

Real estate taxes pro-rated.

Seller pays all taxes until final settlement.

Owner reserves right to accept or reject any or all bids.

Final terms day of sale.

Owner selling due to ill health

STEPHEN W. & BERTHA M. ZOOK
Ph. 717-935-2886

Auctioneers:

Daniel P. Zook AU-1063L

Ph. 717-483-6791

Mark S. Yoder AU-1049L

Apprentice: John Rheem AU-1608L

A complete line of good farm machinery will be offered.

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. FEB. 21 - Granville Overly Estate HH Sale. Wakefield area. J. Everett Kreider, Auct.

SAT. FEB. 21 - 9AM Farm Toy Show and Auction. Located at the Best Western Inn, in the Mariposa Ballroom. 1245 Harrisburg Pike, Carlisle, PA. Sponsored by the Cumberland Valley Tractor Pullers. Mark K. Keller, Auct.

SAT. FEB. 21 - 9AM Farm Mach., HH. Located at Rt. 272 S. of Lancaster 9 mi., OR 4 1/2 mi. N. of Buck, turn E. on Pennsy Rd., 3/4 mi. to sale. Ira T. & Mary H. Harnish, Owners. Kreider & Kline Auct. Serv.

SAT. FEB. 21 - 9AM 42 Head Holstein Dairy Cattle. 1 1/2 mi. N. of Quarryville, 6 mi. S. of Strasburg. Between Stoney Hill Rd. and Carmargo Rd., along Stone Rd., Eden Twp., Lanc. Co., PA. Levi S. & Anna Mae Glick, Owners. Diffenbach's Aucts.

SAT. FEB. 21 - 9:30AM HH, Antiques, Lawn & Garden & Tools. 8 mi. S. of Quarryville, 2 mi. E. of Wakefield along Rt. 1272. Terms by: Ethel P. Overly Est. J. Everett Kreider, Auct.

SAT. FEB. 21 - 9:30AM Emma K. Steigerwalt Estate. 70 A. Farm or 2 Parcels, Antiques, HH, Tractor. 6 mi. S. of Tamaqua, 12 mi. W. of Lehigh, 25 N. of Allentown, off Rt. 443, close to Mahoning Valley Public Golf Course, West Penn Twp., Sch. Co. Houser Aucts.

SAT. FEB. 21 - Tack 9:30AM and Horses 11AM at the Belleville Livestock Mkt., Belleville, PA. Draft Horses, Mules and Driving Horses. Mark Glick, Auct.

SAT. FEB. 21 - 10AM Farm Mach., Truck, Tools. 6 mi. N. of Hanover on Rt. 94, then turn E. onto Pine Run Rd., 1 mi. to sale in Adams Co., PA. Mary L. Myers, Owner. Clair R. Slaybaugh, Auct.

SAT. FEB. 21 - 10:30AM Farm Eq. & Tools. 339

REMI PUBLIC AUCTION OF VALUABLE ANTIQUES- FURNITURE- GLASS & PERSONAL PROPERTY ON THURS., FEB. 5, 1987

at 3 P.M.
and FRIDAY,
FEB. 6, 1987
at 9:30 A.M.

at Springetts Fire Co. Social Hall, 3013 E. Market St., York, Pa. Selling for Pauline Adams and the late Dr. Claude W. Adams of Brookie Lane, York, Pa. and from the residence of Dr. & Mrs. William R. Morgan, Jr. of York, Pa.

PREVIEW SHOWING:
THURS., FEB. 5,
1 P.M. TO 3 P.M.

Not responsible for accidents on day of auction. TERMS: Cash, Certified or Travelers checks, no out of state or personal checks unless a regular & approved customer.

Brian L. Gilbert & Jacob A. Gilbert, Auctioneers & Sales Managers
Pa. License #336 & #2256

Clay School Rd., Ephrata, PA. For: Lloyd M. & Irene N. Burkholder. Paul E. Martin & John D. Stauffer, Aucts.

SAT. FEB. 21 - 11:30AM Tractors, Farm Eq. Located between Lancaster & Strasburg near Lampeter. Earl Simmons, Owner. Cloyd Wenger, Auct.

SAT. FEB. 21 - 1PM Real Estate, Located at 1045

along Rt. 23, in Village of Blue Ball, East Earl Twp., Lancaster Co., PA. Lowell W. & Mary Ann Horst, owners. Nevin Martin, Auct.

MON. FEB. 23 - 10AM Complete Liquidation of Potato Farm Mach. for Wolf Farms, Inc., Stewartstown, York Co., PA. Owned by Wolf Farms, George Wolf and Sons. Pirrung Aucts., Inc.

MON. FEB. 23 - 10AM Farm Mach., Dairy Eq. 1/2 mi. S. of Belleville, PA. David J. & Arlene Spicker, Owners. Mark Glick, Auct.

TUES. FEB. 24 - 9AM Holstein Cows, Heifers, Mules, Farm Mach., HH. Located Rt. 272 from

Lancaster go 20 mis. to Wakefield crossroad turn W., 1st farm. Johnathon

H. & Fannie K. Biler, Owners. Kreider & Kline Auct. Serv.



PUBLIC SALE

FARM MACHINERY- HORSES ANTIQUES- HOUSEHOLD GOODS WEDNESDAY, FEB. 18, 1987

9:30 A.M.

Located in Lancaster Co., PA, 1/2 mile South of Vintage, 3 miles West of Gap. From Route 30 go South on Vintage Road, second Farm on left.

HORSES & HARNESS

Pair of 5 year old sorrell horses; pair of 10 year old sorrell horses; 2 year old sorrell work horse; odd bay mule; 7 sets of harness; collars; bridles; single, double, trees, etc. Auctioneer's Note: An opportunity to purchase top of the line horses.

FARM MACHINERY

New Holland 7' bar mower; New Holland 310 baler; Pequea tedder; 56 New Holland rake; Zimmerman 28' elevator; 2-16' flatbed wagons; hydraulic unit; John Deere 999 corn planter; McDeering corn binder with loader and carrier; Papec 16" ensilage cutter and pipe; Oliver trailer plow; 2 way plow; John Deere K.B.A. disc harrow; 2-3 section spring tooth harrows; cultipacker; Ontario drill; 3 forecarts; 2-2 horse cultivators; McCormick Deering & John Deere; Farmall M tractor with pulley and hydraulic; Pequea manure spreader; Stoltzfus liquid manure spreader; 2 rolls barb wire; wagon load of small items; Homelite pressure pump; tandem axle wheel barrow.

HOUSEHOLD GOODS & ANTIQUES

2 wardrobes; dishes; crocks; bed; drop leaf table with drawers; copper kettle; butcher bench; scalding trough; cleaver; sausage stuffer; meat grinder; 2 lard stirrers; pressure pump; berry crate & boxes; homemade soap; corn sheller; twin tubs.

Owners:

JACOB & REBECCA BEILER

Auctioneer:

Steve
Steve Jr. Petersheim:
717-786-4624

Lic. #AU-001349-L

Food sale to benefit hospital bill.

PUBLIC SALE

OF 5 ACRE FARMETTE AND OTHER PERSONAL PROPERTY SATURDAY, FEB. 7, 1987

80 Tannery Road Leading From Blainsport To Blue Lake West Cocalico Township Lanc. Co., Pa. Take Blainsport Road At Route 897 Blainsport Turn Right On Tannery Road To Sale.

5 ACRE FARMETTE WITH 780 feet of highway frontage, with 2 1/2 story frame asbestos siding - dwelling containing 7 rooms and first floor bathroom, 4 of which are bedrooms, modern kitchen oil fired hot water heat with summer and winter hook up; some wall to wall carpeting; springwater supply; stone and frame bank barn with van garage attached, 2 car frame garage; and tractor shed attached; other out buildings; this is a nice location overlooking the countryside with tall pine trees, if looking for a small country property, come and take a look at this one.

ALSO FARMALL A tractor with snow blade and chains; economy tractor with plow cultivator - and row maker and harrow; troy rotatiller; 2 wheel trailer; one horse wagon hay ladders; tobacco shears; clover seeder; oil pump; coca cola sign; bicycles; sleds; oil space heater; MONTGOMERY AND WARD new wood stove; display case; office desk and chair; ice refrigerator; hoosier wooden kitchen cabinet with spice jars and flour bins; butcher bench; elec. range; Zenith t.v. set; 3 piece bedroom suite; bedroom rocker and chair; window air conditioner, 2x4 and 2x6 and other lumber; and many items used around the home not listed.

SALE AT 11 A.M. REAL ESTATE AT 1 P.M. FOR INSPECTIN OF PROPERTY CALL 215-267-6007 FOR Appointment.

SALE ORDERED BY

MRS. ELSIE C. GRESS

H.H. LEID AUCTION SERVICE,
AU000535-L
FRY AND SENSENIG CLERKS,
CHARLES V. SNYDER JR. ATTY.

LUNCH STAND

17th Annual CONSIGNMENT SALE

Two-Day Public Auction

DONALD SCHEESE FARM

Cohansey-Friesburg Road

RD 3, Box 288, Elmer, NJ 08318

FRI., MARCH 6, 1987

SAT., MARCH 7, 1987

9:30 A.M. Sharp

TRACTORS WILL BE SOLD ON FRIDAY

Tractors, combines, trucks, implements, all types of farm equipment

Receiving equipment up to Mar. 5, 1987. For information call 609-455-3462 or 609-769-4025. Watch for listing before Sale time.

Auctioneers: Blaine Rentzel
Clyde Wolgemuth

Lunch Available

PUBLIC AUCTION

FOUR TRACTORS- HI-LIFT- TRUCKS - CAR- ORCHARD EQUIPMENT

The undersigned, discontinuing fruit farming, known as PARADISE ORCHARDS- will sell at public auction, located, taking PA Route 234, 1-mile East of East Berlin, PA or 9-miles West of York, PA on Route 234, turn North onto Canal Road go 1/4 mile and turn onto Short Road- first farm- on

MONDAY, FEBRUARY 16, 1987

- 10:00 A.M.

Massey Ferguson Model 150 diesel tractor with sprayer cab, VG 13.6x28 rubber & 3 pt.; Massey Ferguson Model 30 tractor, VG 16.9x24 rubber, 3 pt. with New Idea 506 loader w/hyd. bucket, bin prongs and snow bucket (offer separate & together); Massey Ferguson Model 65 diesel tractor, VG 14.9x28 rubber, 3 pt. with R&S heavy duty tree hoe (also separate & together); Ford Golden Jubilee tractor, 12.4x28 rubber, 3 pt. with Wagner loader frame; Allis Chalmers Model IND-160 hi-lift tractor with prongs, gas, 16.9x24 rubber, 20 ft. lift (ideal for construction, bins, etc.);

Nice Myers 500 gallon speed sprayer, V8 powered, lined tank; nice Myers 300 gallon pull-type, PTO sprayer, 2-nice Hydra Ladders- 1 Wisconsin and 1 Kohler powered and both with hyd. pruners; Servis 7 ft., offset, hyd. lift, pull-type rotary mower; Wisconsin engine powered air compressor- for pruning, etc.; LN Danuser 3 pt. post hole digger w/24 inch auger; LN Vicon Model 22107 3 pt. fertilizer spreader; LN Meyer 7 ft. angle snow blade; rear mount hyd. bin loader w/side shift; Chrysler 6 cyl. powered 500 GPM pump; 3 pt. bin carriers; Homelite heavy duty portable pump; MF 3 pt. 7 ft. sickle bar mower; Dearborn 3 pt. subsoiler; MF 3 bottom 14 inch- 3 pt. plow; John Deere 10 ft. offset disc; 11 ft. pull-type tractor harrow; 3 section spring tooth harrow; Dearborn 3 pt. cultivator; Dearborn 3 pt. 6 ft. angle blade; weed sprayer boom on wheel.

Yale platform dolly; buck rake for brush; 28" tractor chains; lot picking bags & buckets; lot ladders; 2-air pruners; approx. 900 bu. crates; approx. 250- 18 bu. bulk bins; large amount 1/2 and bushel baskets; old Durand fruit grader; 5 section roller track w/turn and 8 stands; platform dolly; metal water trough; metal wheelbarrow; lot shop hardware; lot misc. metal; platform dolly; lot rope; lot 5 & 7 ft. picking ladders; misc. oils and greases; misc. small hand tools; lot small orchard farm items; cash registers; counter top balance scales; many other items.

Trucks & Car: Very nice 1974 International 1800 Series truck, 18 ft. metal bed, 10.00x20 rubber, tool box; 1965 Chevrolet 30 Series w/9 ft. stake bed; Chevrolet 20 Series 3/4 ton farm truck- 6 cyl.; old 1948 Chevrolet pickup; old 1958 Chevrolet window van; 1976 Ford Granada- 67,000 miles, 2 door, 6 cyl. and 3 speed.

Note: This equipment is ready for use, and was well cared for- Plan to Attend. **Sale Inspection:** February 8 to Sale Day.

Terms: Cash or Check With Bank Letter of Credit

**HOSTETTER PARADISE
ORCHARDS- OWNERS**

PH: 717-632-0402

C. David Redding- Auctioneer

PA License No. 742-L

Gettysburg, PA

- PH: 717-334-6941

PUBLIC AUCTION MODERN FARM EQUIPMENT; TRUCKS; GRAIN DRYER FRIDAY, FEB. 20, 1987

At 9:30 A.M.

(8 miles West of Allentown & 1/2 mile S. of Fogelsville), exit off Interstate 78, go S. on Rt. 100 to traffic light, travel West on Schantz Rd. toward Maxatawny, turn S. onto Grim Rd. to 1st farm, then left again, Lehigh Co., Pa.

TRACTORS: Int. 1566 diesel w/cab & extras, 2350 hrs; Int. 1466 diesel, w/extras, 2880 hrs; Farmall 806 diesel w/fh, 34" rubber & 11:00-16SL frt rubber; (2) Int 560 diesels; Int 2000 frt end loader; Farmall super M late model; M Farmall tractor; Schwartz w f end; Farmall A tractor; Int Cub Cadet #782-17 hp w/48" deck.

TILLAGE: Int. 3 pt. semi mtd. 710 auto spring reset 6-16" pl w/on land hitch; Int. 700 auto spring reset 5-16" pl; Int. #14-7 tooth auto chisel spring reset pl; Brady 1000 3 pt. 12 tooth chisel pl w/buster bar; Krause 22' dual wheel transport disc; Int. 500 12' dual wheel transport disc; Int. 21' wing roller harrow w/dual transport wheels; Brillion 18' wing field culti; axle mtd. three tooth tool bar for M tractors; 3 sec spike tooth harrow; Brillion 13' three gang cultipackers; Brillion 11' cultipacker.

COMBINE: JD 6600 w/2400 hrs, also 213 grain head & 444 c head, plus corn saver attach.

PLANTING: JD 7000 4-36" c planter w/insecticide, acre meter & monitor; JD 8200-23 dbl. disc Big Box grain drill w/grass seed attach; Int 463-4 r f h tool bar culti; 2 MC #455-4 r cultis; Case 4 r rotary hoe; fert box w/hyd. auger unload; Stoltzfus 5 ton tandem axle 28' conveyor lime spreader.

HAYING: JD 1209 mower conditioner; Kuhn 17' PTO hay tedder; Int. #35-5 bar rake; Int #7 mower; JD 346 wire tie baler; 30' bale & c elevator; 3 Int. #52 four wheel dump trailers; NI four wheel trailer.

TRUCKS: 1971 GMC 6500-V6 w/9' steel dump body, 30,000 GVW; 1966 Ford C-800 cab over engine w/14' dump, 30,000 GVW; 1965 Int 1800 Loadstar w/14' dump, 26,000 GVW; 1953 Int R-180 w/14' dump, 26,000 GVW.

GRAIN ITEMS: MC mod 9000 continuous dryer; IH-Cap corn cob & fines cleaner; Snowco 32'-8" auger w/10 hp 3 p motor; 18'-6" auger w/2 hp, 3 p motor; 18' bin sweep; Maywath 32'-8" transport auger; 24'-6" transport auger; Burrows scale & grain moisture tester.

MISC: Fox Brady 440-12; stalk shredder; Brady 144-12' stalk shredder; Gehl #95 grinder mixer; Liliston 7'-6" rotary cutter; NI #300 two r corn husker; NH 331 three beater manure spreader; century 500 gal. weed sprayer w/in line tank; Meyers 9' sn pl; 9' V sn pl; four wheel road grader; Bush Hog heavy duty, 3 pt. hyd. adjust blade; set of 18 34 duals; 2 hog farrowing crates, one Smidley; cattle loading chute; Troy Bilt (Horse) rototiller; 30 ton hyd shop press; 2 hp air comp; oxy acetylene outfit; Lincoln 180 AMP welder; 10 ton hyd flr jack; 1 1/2 tpn hyd flr jack; Craftsman 10" tilt top table saw; airless paint sprayer; 60 lb. sand blaster; gas driven 1 1/2" water pump; lg. anvil; Kesco 15,000 Watt PTO generator on chassis; 16" & 20" chain saws; tractor splitting jack; drums of motor oil; 100' drain snake; 30" metal lathe (needs help); 40' magnesium ext ladder; 24' wdn ext ladder; new sawed lumber including 1" boards, 2"x6", 2"x12", pine & cherry; plus many articles not mentioned.

AUCT. NOTE: This equipment was well cared for, looks good.

TERMS: Cash or Acceptable Check. Out of state buyers, bring current bank letter of credit.

Refreshments Available

Ordered by

JOSHUA & ALTHEA GRIM

Conducted by Ralph W. Zettlemoyer

Auction Co., Inc.

(215) 395-8084

Pa. License #AU-001809-L

RALPH W. ZETZLEMOYER AUCTION CO. INC.

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

FARMERSVILLE AUCTION

TUESDAY, FEBRUARY 3, 1987
3:00 P.M.

In Farmersville, 3 mi. east of
Brownstown, Lanc. Co., Pa.

Nice house and possibly some power
woodworking tools, due to weather arriving too
late for advertising deadline.

See Sat. Lancaster newspaper for full listing.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
(717) 354-5095

Auctioneer: Lester Weaver
AU-982-L

TUES. FEB. 24 - 9AM
Horses, Dairy Cattle,
Swine, Farm Mach. Centre
Co., 1 mi. E. of Aaron-
sburg, PA. Ben Y. &
Barbara Hostetler,
Owners. Mark Glick, Auct.

TUES. FEB. 24 - 9:30AM
Farm Machinery and
Tractors. Located along
Meadow Valley Rd.,
Ephrata, PA. Edwin
Horning and Sons,
Owners.

TUES. FEB. 24 - 11AM
Farm Mach., 3 Tractors,
Most 11 bought new.
Located 3 mi. S. of New
Holland. For: Jacob S. &
Ada Deinner. Steve
Petersheim & Steve Jr.,
Aucts.

WED. FEB. 25 - Donald
Myers Farm Machinery
Sale and Carpenter Tools.
Buck area. J. Everett
Kreider, Auct.

WED. FEB. 25 - 9AM

PUBLIC AUCTION

FRIDAY, MARCH 6, 1987

10 a.m.

Complete Dispersal of 200 Head
High Quality Holstein Dairy Cattle.

3½ mi. west of Cochranville on
Homeville Road, Chester Co., PA.

Full particulars later.

By the order of:
WM. E. PARRY & SONS

Auction conducted by:

WHITFORD SALES COMPANY

L. ROBERT FRAME, SR. & SONS, AUCTIONEERS

Box 100, Uwchland Post Office,
Eagle, PA 19480
AU-000292-L
215-458-5060

FIFTH ANNUAL LANCASTER FARM TOY AUCTION, SHOW & SALE

FEBRUARY 28, 1987

SHOW & SALE: 9:00 A.M.-3:00 P.M.

AUCTION: STARTS AT 5:00 P.M.

TOY CONSIGNMENT from 3.00 to 4.45
Auctioneer: WALLY HOOKER AU-001866-L

CONSTRUCTION TOYS & TRUCK COLLECTORS
WELCOME

LANCASTER TREADWAY INN

Route 30 & Oregon Pike (Rt. 272), Lancaster, Pa.

COLLECTORS DISPLAYS, PARTS SUPPLIERS,
and TOY DEALERS from more than a dozen
States will show their collections and supply your
collection needs. It will be a very interesting
display to anybody interested in toys. An exciting
auction will start at 5:00 P.M. selling hundreds of
farm related toys. For more information write or
call FARM TOY SUPPLY, 3 Fisher Terrace, Willow
Street, Pa 17584 (717) 464-3956. For Motel
accommodations call LANCASTER TREADWAY
RESORT INN (717) 569-6444 or (800) 631-0182.
Tell them you are coming for the FARM TOY
SHOW for special show rates.

ROOM SWAP on FRIDAY EVENING
February 27, 1987

TROPHIES & CASH for BEST DISPLAYS
ADMISSION CHARGED FOR SHOW

Holstein Herd, Milking
Eq., Farm Mach. Aquilla &
Anna Mary Stoltzfus.
Steve Petersheim & Steve
Jr., Aucts.

THURS. FEB. 26 - Farm
Eq., HH. Along Wispering

Spring Rd., 3 mi. E. of Mt.
Pleasant Mills, Snyder
Co., PA. By: Phares S.
Brubaker, T. Glenn &
Timothy G. Horst, Aucts.

THURS. FEB. 26 - Farm
Eq. Located Cumberland

Co., 132 Park Drive,
Boiling Springs, PA.
Ferman Landis, Owner.
Foreman's Auctioneering.

THURS. FEB. 26 - 11AM
Robert England, Gordon
Rd., Robbinsville, NJ. Big
Grain Farm Mach. Sale by:
Col. Fred R. Daniel Aucts.,
Inc.

FRI. FEB. 27 - 9AM
Holstein Cows, Heifers,
Mules, Farm Mach., HH.
From Strasburg traffic
light go S. on May Post
Office Rd. 1 mi. to Shaub
Rd., turn W. to Bunker Hill
Rd., turn left, second farm
on right. By: John K. &
Arie G. King. Kreider &
Kline, Aucts.

FRI. FEB. 27 - 9AM
Horses, Dairy Cattle, farm
machinery, some
household, located in
Mifflin Co., 5 miles S. of
Belleville, PA or 1 mile N.
of Allensville. Ezra B. and
Mary Swarey, owners.
Mark Glick, Auctioneer.

FRI. FEB. 27 - 10AM 42
Head Holstein Dairy
Cattle, Farm Eq., Ear
Corn. 12 mi. S. of
Strasburg, 3 mi. S. of
Nine Points; ¼ mi. E. of
Rt. 896, first farm on
right, along Windy Top
Rd., Sadsbury Twp., Lanc.
Co., PA. John B. Stoltzfus,
Owner. Diefenbach's
Aucts.

THURS. & FRI. FEB 26 &
27 - 9AM Ea. Day. Antique
Tractors & Engines, Parts,
New, Used & Abused Farm
Eq. 10 mi. E. of Lanc.,
2½ mi. W. of New
Holland, turn off Rt. 23 on
S. Groffdale Rd., turn left
on Musser School Rd.
Lanc. Co., PA. Terms:
Elias S. Beiler. Aucts.:
Robert E. Martin & Son,
Blaine Rentzel & Ed
Goodrich, Jr.

SAT. FEB. 28 - Farm Eq.
Along Mohler Church Rd.
(Just off Rt. 272 near
PP&L Service Center N. of
Ephrata), Ephrata Twp.,
Lanc. Co., PA. By: Rufus
G. & Bertha M. Martin. T.
Glenn & Timothy G. Horst,
Aucts.

SAT. FEB. 28 - Farm
Machinery, Horses. David
B. Zook. Steve Peter-
sheim & Steve Jr., Aucts.

SAT. FEB. 28 - Farm Eq. &
HH. Aaron Ebersol, along
Churchtown Rd., ½ mi. S.
of Cambridge. Nevin
Martin & Lewis Groff,
Aucts.

SAT. FEB. 28 - Fifth
Annual Lancaster Farm
Toy Auction, Show and
Sale at Lancaster
Treadway Inn, Route 30
and Oregon Pike (Rt. 272),
Lancaster, PA. Show and
Sale 9AM to 3PM. Auction
starts at 5PM. Auctioneer-
Wally Hooker.

SAT. FEB. 28 - Farm
Machinery. Landisburg,
Perry Co., PA. Gary Haas,
Owner. Kling's Auction
Service, Sale Mgrs.

SAT. FEB. 28 - Farm Eq.
Just off Rt. 94, near A & P
Shopping Center,
Blairstown, NJ. For:
Kopycinski Bros. Ralph
W. Zettlemoyer Auct. Co.,
Inc.

SAT. FEB. 28 - 8:30AM
Ralph Brenneman's
Annual Community Sale.
Farm Machinery, Tractors
and Antique Equipment.
Located from I-83 to Exit
6E take Rt. 74 S., 1 mi. to
Campbell's Music Store,
turn left on Oak Road and
proceed ½ mi. to sale. Or
Dallastown take Fruitlynn
Drive till Raabs Fruit
Farm turn left onto Oak
Rd. and proceed ½ mi. to
sale. Ralph Brenneman,
Auct.

EXCEPTIONAL

PUBLIC SALE

OF FARM MACHINERY, TRUCK,
TOOLS, ETC.

SATURDAY, FEB. 21, 1987

AT 10:00 A.M.

Sale Will Be Held At The Farm, Located 6
Miles North Of Hanover On Route #94,
Then Turn East On To Pine Run Road 1
Mile To Sale In Adams County, Pa. (Sale
Signs Posted).

4 IH (TRACTORS) 4 IH
TRUCK

IH #656 Diesel, P.S., N.F., Completely
Overhauled; IH #560 Diesel, P.S., N.F.; Far-
mall "M", Gas w/Super M Kit, Live Power
Take Off And Hand Clutch; Farmall "C" With
Cultivators; Set Of 13-38 Chains; 4 Hydraulic
Cylinders; Ford #250 3/4 Ton Pick-Up.

CULTIVATING & PLANTING
EQUIPMENT

IH #710 3-16" Automatic Reset Semi-Mounted
Plow, Fast Hitch; IH #411 4-16" Trip Back
Plow, Fully Mounted, Fast Hitch; IH #311 3-16"
Trip Back Plow, Fully Mounted, Fast Hitch;
Chisel Plow, 7 Tooth; IH #370 Transport Disc
With Furrow Fillers; Chattanooga Packer, 12';
IH 3-Section 36-Spring Tooth Shovel Harrow,
12'; IH #510 16 Disc Grain Drill, Like New
w/Band Seeder; IH #400 Cyclo 4-Row Corn
Planter, No-Till Or Conventional; Mounted
Cyclone Grass Seeder; 2 Section Rotary Hoe.

HARVEST EQUIPMENT, TOOLS, ETC.

IH #205 Combine, Gas w/2-Row Corn Head & 13'
Grain Head; IH #115 Side Mount 7' Mower; NH
#479 Haybine; IH #430 Hay Baler w/#10 Bale
Thrower; IH #14 5-Bar Rake; IH #234 Corn
Picker To Mount On #560 IH Tractor; N.H.
Forage Harvester w/Corn & Grass Head; N.H.
Blower & 9" 40' Pipe; 2 MF #114 & 116 Forage
Wagons; 2 18' Kingwise Bale Wagons; 2
Gravity Bin Wagons, 1 With High Flotation
Tires; 2-7'x14' Flatbed Wagons, 1 With Sides;
Lightweight Wagon Chassis; N.H. #34-38 Crop
Chopper; 2 Elevators, 1 Little Giant 40' And 1
Kingwise 32', Both With Motors; Rollaway
Corn Drag; IH #540 Manure Spreader;
Stationary Metal Frame Wood Saw And Blade;
Lincoln 225 Amp Welder, Like New; Small
Portable Air Compressor; Pressure Washer;
Old Manure Spreader Suitable For Trailer; 2
Barn Fans; Gas Heater; 2-275 Gal. Fuel Tanks
With Pumps; Oil Drums With Pumps And Oils;
Metal Farm Gates Of Various Lengths; En-
silage Carts; 3 Metal Hog Troughs; Milk Cans;
Antique 2-Hole Corn Sheller; Wagon Load Of
Small Tools Plus Many Items Too Numerous
To Mention.

AUCTIONEER NOTE: A Real Nice, Clean Lot
Of Farm Machinery In Excellent Condition.

For Inspection Prior To Sale, Phone: 717-624-
8156

Terms: Cash Or Good Negotiable Check.
Letter Of Credit Requested If Not Known.
Not Responsible For Accidents. Lunch Stand
At Sale

MARY L. MYERS,

OWNER
920 PINE RUN ROAD
ABBOTTSTOWN, PA.

Clair R. Slaybaugh,
Auctioneer
Phone: 717-677-7479
License #856L
Idaville, Pa.

SALE WILL BE CONDUCTED IN LARGE
MACHINE STORAGE SHED

PUBLIC AUCTION



New Holland Sales Stables, Inc.
New Holland, Pa.



Tractors & Horse-Drawn Farm Equipment-Supplies-Small Items

FRIDAY, FEBRUARY 13, 1987

SALE OF SMALL ITEMS 9:00 A.M.

FARM EQUIPMENT 10:00 A.M.

New Customers and out of state buyers must have current bank letter of credit with
guaranteed amount or cashier checks.

Abe Diefenbaugh, Manager

A list of your sale items must be in our office by Tuesday, February 3rd to be included in
our complete listing in the February 7 issue.

For more information contact Abe Diefenbach or Norman Kolb at 717-354-4341.

NEXT FARM MACHINERY SALE MARCH 13, 1987

PUBLIC AUCTION

★★★★★★★★★★
★ President's ★
★ Day ★★★★★★
★ Monday, February 16 ★
★ 9:00 a.m. ★
★★★★★★★★★★

★ Tractors (over 150) ★ Trucks
★ Field Equipment ★ Combines
★ Industrial

HALE'S FARM EQUIPMENT

3099 Hart Rd. • Lebanon, OH. 45036

1-(513)932-4925

FOR COMPLETE SALE LISTING AND OTHER DETAILS CALL OR WRITE

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. FEB. 28 - 8:30AM
Tack; 10:30AM Horses.
Consignment Horse Sale.
Keister's Middleburg
Auct. Sales, Inc., Rt. 522,
3 mi. E. of Middleburg, 5
mi. W. of Selinsgrove,
PA. Don & Walt Keister,
Owners.

SAT. FEB. 28 - 9AM
Strasburg Fire Co. #1
Thirtieth Annual Public
Sale. Horses, Mules, Farm

Mach., Hay, Straw, Tools,
HH, Antiques. W. Main St.
Strasburg, PA. Sale
managed by Elvin Siegrist,
Alvin Miller & local Aucts.

SAT. FEB. 28 - 9AM
Discontinuing Farm
Equip. Business-Oliver &
White Dealer. Located
1700 Edgar Ave.,
Chambersburg, PA. 717-
263-8568. Paul M. Byers,
Owner. J. Rodger
Wildeson, Auct.

PUBLIC SALE

THURSDAY, FEB. 12, 1987
9:30 A.M.

Located 5 miles west of Lewisburg just
off Route 192 and 3 miles north of
Vicksburg, along Beaver Run Rd., Buffalo
Township, Union County, PA.

Real Estate - 11 A.M.

UNION COUNTY DAIRY FARM

126 acre farm, more or less, approx. 110
acres tillable, Kutztown loam soil. Approx. 10
acres pasture with running stream and never
failing spring, also 2 acres woodland.

Large bank barn with straw shed, milk
house, 36 stanchions, lg. loafing area. 40'x40'
beef finishing house, 18'x50' and 12'x50'
concrete stave silos, corn cribs, 40'x80' and 15'x40'
implement sheds.

Two story frame dwelling with 4 bedrooms,
lg. kitchen, full bath and full concrete
basement with hand fired furnace. Property
also has 20'x40' fiberglass greenhouse. Drilled
well and sewage on property. Approx. 1 mile
hard top road frontage. For inspection, phone
717-527-2449.

TERMS: 10 per cent down, balance in 30
days.

Farm Machinery - 10 A.M.

IH TD6 crawler with PTO; IH 51 forage
wagon with 10 ton chassis and flotation tires;
Kasten forage wagon with 7 ton chassis; Fox
425 forage harvester with single row corn head
and pickup head; Zimmerman 36' hay and
grain elevator with 1 h.p. elec. motor; NI single
row pull type corn picker; Papec 56" silo
blower, 50' of 9" galv. silo pipe; NH 275 PTO
thrower baler; Massey Harris 90 self propelled
12' cut combine; Pittsburgh 10' drag harrow;
IH 130 PTO manure spreader; Massey Harris
single row transplanter; Oliver Superior grain
drill on steel; machinery for parts; NH 460
haybine; NH 818 harvester; MM unisystem;
few pcs. scrap machinery.

Approx. 60 ton ear corn, 200 ton corn silage;
Girton D4 300 gal. bulk tank with 3 hp com-
pressor; 3 Surge milking units; SS strainer;
greenhouse supplies; small farm related items
at 9:30 AM.

Livestock - 12 Noon

One 4-year old Percheron stud, works
anywhere; one 3-year old black standardbred
gelding driving horse.

Dairy Herd - 40 Holsteins 40

Consisting of 39 grades, one red and white
and 1 purebred mature milking animals. 12 sell
recently fresh and 10 due Feb. and Mar.,
balance in different stages of lactation. This is
a young herd of first, second and third lactation
cows. Health charts day of sale.

REASON FOR SALE: Owner moving out of state.

Also Selling

Same Time & Place

FOR CLAYTON & LYDIA SHIRK

JD 14T PTO baler; Zimmerman 28' hay and
grain elevator; IH 56 2 row corn planter; IH
1PR single row corn picker; NH 467 haybine;
JD 8 ft. drag harrow; 9' single roll cultipacker;
1 horse spring wagon; 2 horse cultivator;
DeWalt table saw; hog feeders and waterers;
Reddy heater and platform scales.

TERMS: Cash or Good Check.

Owners:

JOHN M. &
ANNA N. BURKHOLDER
RD 2, Mifflinburg, PA
17844

Bryan D. Imes, Auctioneer
Phone: 717-527-2449
AU-001656-L

Not Responsible for Accidents

BRYAN D. IMES



1987 SPRING GUN SALE

Consignments Are Now Being Accepted
For Our March 23, 1987 Spring Sale Of
Antique Firearms, Quality Modern
Firearms, Powder Horns, Ammunition
Decoys, Quality Fishing Equipment and
Related Items.

To include properties in this sale please
contact Jeff DeHart at Conestoga Auction
Company 717/898-7284. Consignment
Deadline February 11, 1987.

CONESTOGA AUCTION COMPANY, INC.
PO Box 1, Manheim, PA 17545



PUBLIC AUCTION

FARM EQUIPMENT - TOOLS DAIRY COWS

SAT., FEBRUARY 14, 1987

Auction Time: 10:30 A.M.

Cows at Approx. 12:30 P.M.

DIRECTIONS: Take Route 272 North
from Ephrata to Schoeneck Rd., Turn
left, go 3 1/2 miles to Schoeneck. Continue
straight through toward Cocalico for
another 3 1/2 miles to farm on left. Or, take
Route 897 South from Schaefferstown to
Cocalico, turn right on Cocalico Rd. to
Farm on right. Lancaster County, PA.
Watch for Auction Arrows.



MASSEY FERGUSON 1130 DIESEL

only 300 hours on
completely Rebuilt
Engine;

M.F. 175 DIESEL, w/M.F. #85 Loader; Case
830 Diesel; Gehl #600 Harvester w/2 R-N Corn
Head, 6 Ft. Pickup Head & Screens; GROVE
Forage Wagon; STAUFFER Tandem Axle
Forage Wagon; DION 60" Hopper Blower;
NEW HOLLAND #268 Baler w/Super Sweep
Pickup & Thrower; N.H. 469 Haybine; Two 16
Ft. Bale Wagons w/Sides; VICTOR Wheel
Rake; LITTLE GIANT 28' Elevator; J.D. 30
Ft. Skeleton Elevator; Cardinal 12' Elevator;
ALLIS-CHALMERS 6' Flail Chopper; HAWK
BILT 2195 Tank Spreader, R-H Unloader;
ALLIS-CHALMERS 4 row N No Till Corn
Planter w/Monitor; J.D. 13 Disc Grain Drill;
J.D. 9' Offset Disc; 3 Pt. Fertilizer Spreader; 3
Pt. Single Tooth Sub Soiler; Gravity Bin
Wagon; I.H. #56 4 Row Corn Planter; 3 H.P.
High Pressure Washer; Potato Plow; 1973
Pickup for Parts w/Good Wooden Bed; 9 Ft.
Cultimulcher for Parts; Potato Plow; 175
Honda Cycle; Snow Fence; Oil Pump; I.H. 99
Fence Charger; Milk Truck Bed for Storage;
Bench Grinder; Scrap Pile; Bolts, Nuts & Misc.
Tools.

30 GRADE HOLSTEIN DAIRY COWS In All Stages Of Lactation

- 5 Fresh By Auction Day
- 3 Due Feb., March, April
- 6 Due May, June, July

AVERAGE AGE APPROX. 4 1/2 YEARS, A
GOOD UDDERED HERD. PREGNANCY
CHECKED, BLOOD TESTED within 30 days of
auction. Eligible for Interstate Shipment. Milk
weights day of auction. AUCTION HELD IN
TENT. HENRY KETTERING, Cattle In-
formation.

Agway Milker Pump; 3 H.P. 45 C.F.M.
Delaval & Surge Pumps; Electric Barn
Fogger, like new; Sunbeam Clipper; 36
Trainers; Double S-S Wash Tubs; 65 Cow
Herder; Kicker Bar; 4 Delaval Milkers;
DUMPING STATION w/Large Recovery Jar;
100' Hose; Delvo Antibiotic Milk Tester.

Auction by
EDWIN W. &
MARY ANN ZEISSET
Phone 215-267-4827

Auction Conducted By:

J. & P. AUCTIONS

Paul F. Martin, Auct. AU-001601-L

Ephrata, Pa. 717-733-3511

John D. Stauffer, Auct. AU-001509-L

Lititz, Pa. 717-665-5099

Food By Ephrata Mennonite School

Horning's Public Sale

Of Farm Equipment

Located along Meadow Valley Rd. between Ephrata and
Millway. Signs posted on Rte. 272 south and Rte. 322 West of
Ephrata. Ephrata Township Lancaster Co., Pa.

TUESDAY, FEBRUARY 24, 1987

Sale At 9:30 A.M.

TRACTORS

John Deere #4430 Diesel; JD 4040 Diesel; JD #4320 Diesel; JD #2940
Diesel; JD #4020 Diesel Side Console Cab; Two JD 3020 Diesel W.F.P.S.;
JD #2640 Diesel; JD #2030 Diesel; JD #50 w/cultivator; JD #40 w/loader.
International 756 Diesel; Int. #544 gas W.F.; Int. 560 Diesel standard; Int.
#140 w/mower. Cubs and Cub Lo Boys; Super A; Oliver #550 gas. Massey
Ferguson #175 Diesel; MF #165 Diesel; MF #150 Gas; MF #50 Diesel; MF
#65 Diesel; MF #65 gas; MF #35 gas; MF #35 Diesel. Ford TW 10 Cab & Air;
Ford 9700 w/Cab; Ford 7700 Diesel; Ford 8600 w/Cab; Ford 4000 Diesel;
Ford 8N; Allis Chalmers D-10, Cletrac Crawler.

32 HAYBINES

Mower & conditioners. 20 balers, 10 rakes, 9 ft. machines include. New
Holland #489; two NH #488; three NH #479; NH #469; Two JD #1209; Hesston
#1090; International #990 & MF; Two New Idea #279 Cutditchers; NH #495
pull type 12 ft. 7 ft. machines include two NH #472; three NH #477; three NH
#467; John Deere #1207; two Int. #1190; Hesston #1070; Three Hesston P17;
Two Int. #990; NI #272 Cutditcher.

Balers with throwers include NH #315; NH #311; NH #310; NH #273; NH
#276; NH #277; NH #278; NH #275; NH #271; John Deere #336; JD #24-T.

Balers without throwers inc. New Holland #310 SS; NH #2750; NH #270;
NHS-68 w/motor; JD #336; JD #24T; MF #12; Int. #46; Four hay wagons.

Round balers include New Holland #851; NH #846; NH #847; Gehl #1850;
Vernner and Allis Chalmers. Rakes include NH #258 w/Dolly Wheel; Three
NH #256; Two NH #56; NH #55; John Deere #660 w/Dolly Wheel; JD #640
w/Dolly Wheel; New Idea #400 and MF.

CORN HARVESTERS, PICKERS, SILAGE & HAY WAGONS, CORN HARVESTERS

Include NH #892; N.R.; two NH #890 adj. heads; NH #782 w/adj. head;
NH #718 w/adj. head; NH #718 w/Wide row; NH #718 w/one row; NH #770
w/Narrow row; NH #770 w/wide row; NH Super 717 w/narrow row head;
NH #707 3 pt. John Deere #3800 w/N.R. head; Gehl #1200 w/three row corn
head & pickup; International #720 w/N.R.; Hesston #2000-150 w/One row;
Most choppers have corn & pickup heads.

Corn pickers include New Idea #325 twelve roll; N.I. #325 Eight roll; N.I.
#324 eight roll; 2 New Idea #323 one row excellent; International 1 P.R.;
New Idea uni sheller. Silage Wagons Two Dions, International, 3 btr. &
roof; JD #214, Grove.

PLANTERS, PLOWS, DISC HARROWS, PACKERS

Planters include John Deere 7000 Six row dry fert. & monitor; JD #7000 4
row; N.R. no till w/fertilizer and monitor; JD 7100 N.R. 4 row no till no
fertilizer and monitor; JD #1240 plateless w/dry fertilizer; JD #494-A
w/dry fert.; JD #246 two row; International #800 early riser 4 row w/fer-
tilizer & monitor; two International #56 four row; International #56 two
row; International #455 four row; White #5100 Seed Boss 4 row; Allis
Chalmers #333 Four row no till; AC #600 four row no till; A.C. 600 six row no
till; MF #640, four row; Ford #311 four row.

Plows include International #710 reset 5x16; two International #450 3-16
reset; White #588 five 18 reset; two #508 White four 16 spring reset; two
White #348 three 16 spring reset; Int. #540 three 14 semi; Int. #510 four 16
semi; Int. #420 three 16 3 pt.; Int. #531 three 14 three pt.; Oliver 3-16 trip 3
pt.; White 3-16 cushion 3 pt. Oliver 4-16 Semi cushion; Case #308 Semi 3-16
spring reset; JD F125 three 16 3 pt.; JD F-125 four 16 trip 3 pt.; JD 4-16
semi; JD 3-16 semi; Ford 140 thru 160.

Disc Harrows Inc. #310 John Deere 12 ft.; #210 JD 14 ft. # A.W. JD 10 ft.
two K.B.A. trailer; JD 10 ft. plow disk; JD 8 ft. B.W.; JD 9 ft. B.W.; Oliver
#241 nine ft.; Oliver #252 ten ft.; White #253; thirteen ft.; White #252 wing 14
ft.; International #480 wing 15 ft.; Int. #480 twelve ft. Brillion; Mc;
Dunham, 8 ft., 9 ft, 10 ft, 12 ft., 14 ft. packer.

Grinder & mixers spreaders. Drills. Gehl #135 mill; Gehl #95 mill; NH
#354 mill; Int. #1150 mill; and stationary mixer; International #595 tandem
spreader w/tailgate; Int. #595 tandem spreader & tail gate; Int. #555
spreader w/tailgate; Martin Scavenger spreader; Starline tank spreader;
John Deere #8200 grain drill 14 disk; Int. #510 grain drill 12 disk; New MF
#43 grain drill 22 disk.

CULTIMUCHERS & SOIL SAVERS

New Glencoe 5 tooth soil saver; Brillion 7 tooth soil saver; International
10 tooth soil saver; International #315 cultimulcher 14 ft.; Dunham 10 ft.
cultimulcher.

FIELD CULTIVATORS & CHISEL PLOWS

13 ft. #45 International field cultivator trailer type; two 14 ft. In-
ternational 3 pt. field cult.; International 11 tooth #55 chisel plow trailer;
Brillion 7 tooth 3 pt. like new; Brady 10 tooth 3 pt.; Mohawk 5 tooth; Bush
Hog 8 tooth 3 pt.; International 10 tooth #55 trailer chisel; Athens 9 tooth
trailer chisel; International 7 tooth trailer chisel.

BLOWERS & SKID LOADERS, HAY TEDDERS, BLOWERS, INC.

Two NH #28; NH #27; NH #25; JD #65; Int. #56; Kasten; Gehl #800
recutter. Skid Loaders Case #1816 excellent; Gehl #2500 hydro; Case #430;
Scat back diesel. Hay Tedders Grimm P.T.O.; Grimm G.D. Kuhn 4 star;
Kuhn 2 star; Int. 2 star; Nicholson.

MISC. EQUIP.

Lilliston 4 row rolling cultivator; 6 row danish type cultivator; two JD
#400 rotary hoes; NH #455 trailer mower; NH #351 three pt. mower; Kuhn
flail mower; two New Idea #752 crushers; NH 4; MF crusher; Cunningham
crimper; 2 New Idea fertilizer drills; one with grass seeder; trailer
sprayers; Papec ensilage cutter; Dual axle construction trailers 7x16;
utility trailers 5x10; Woods 6 ft. belly mower; White 6 ft. 3 pt. mower;
Woods 7 ft. 3 pt. mower; Bush Hog 5 and 6 ft. 3 pt. moers; rear mount 8 ft.
blades; JD 15-A flail chopper; two bale loaders; Zimmerman 32 ft.
elevator; 18-4-38 snap on dual wheels; Hesston #10 Stackhand; Hesston #30
Stackhand; Clay lagoon manure pump.

Notice - no small items. We will start in equipment field at 9:30 o'clock.
Terms- Cash of good checks. Identification required for buyers numbers.
Lunch at sale - Not responsible for accidents

EDWIN HORNING & SONS
RD 2 Ephrata, PA 17522
Phone 717-733-7408

Auctioneers: Blaine Rentzel
Pa. Lic #761

& Clyde Wolgemuth & Ed Goodrich, Jr.

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

ABSOLUTE AUCTION

OF FORMER INVENTORY
BILLMYER'S JEWELRY STORE
Brickerville Fire Hall

SAT., FEBRUARY 7, 1987

At 9 A.M.

WED., FEBRUARY 11, 1987

At 3:30 P.M.

Sale to be held at Brickerville Fire Hall, located just off Rt. 322, approx. 8 miles west of Ephrata, Brickerville, Lancaster Co., Pa.

Items for individual, collector, jewelers and dealers.

RINGS - Diamond, Engagement, Wedding Bands, Opal, Jade, Etc.

WATCHES - Seiko, Bulova, Tissot, Quartz, Etc.

POCKET WATCHES

NECKLACES - 14K Gold, Diamond, Pearl, Opal and Misc. Stones.

EARRINGS - Diamond, Pearl, 14K and Misc. Stones.

BRACELETS - PINS

MEN'S ACCESSORIES - Lighters, Cuff Links, Etc.

WALLETS - Men's and Women's

CROSS PEN AND PENCIL SETS

WALL CLOCKS - ALARM CLOCKS

Catalog available for 50 cents at the Ephrata National Bank or send stamped self-addressed envelope and 50 cents to T. Glenn Horst & Son, 12 Fairview Dr., Akron, PA 17501.

Terms - Cash, Certified Check or Bank Letter of Credit for those out-of-county bidders.

Terms by

THE EPHRATA NATIONAL BANK

T. Glenn Horst, Auct.

859-1331 - AU000438L

Timothy G. Horst, Auct.

738-1245 - AU001767L

Dennis J. Ward Atty.

SAT. FEB. 28 - 9AM
Antique Autos & Parts
Consignment Sale.
Located in the heated
Exposition Building at the
Lebanon Area
Fairgrounds, off Rt. 72 at
the corner of Rocherty
and Cornwall Rds., S. of
Lebanon, Lebanon Co.,
PA. Conditions by: PA
Dutch Region A.A.C.A.
Roger L. Myers, Auct.
SAT. FEB. 28 - 10AM
Farm Eq. Located 3 mis.

N. of Annville, PA. H. John
and Mary S. Martin,
Owners. Paul Martin &
John D. Stauffer, Aucts.

SAT. FEB. 28 - 10AM
Good Line of Farm Mach.
Centre Co., 3 1/4 mi. E. of
Aaronsburg, PA, on Apple
Butter Rd. Fred & Mona
Boob, Owners. Mark
Glick, Auct.

SAT. FEB. 28 - 10AM
Farm Mach., Tools,
Hereford Beef Cattle, HH.
3 mis. E. of East Berlin or
8 mis. W. of York on Rt.
234 thence turning S.
onto Sunset Rd. 1/2 mi. to
sale in York Co., PA.
George "Pete" & Doris C.
Gordon, Owners. Clair R.
Slaybaugh, Auct.

SAT. FEB. 28 - 10AM
Walker Bros., Langley
Rd., Porchtown Centerton
Rd. Melvin E. Sickler,
Auct.

SAT. FEB. 28 - 10AM 4
Parcels of Real Estate,
Farm Eq. & Dairy Cattle.
Rt. 61N to right onto
Zion's Church Rd., left
onto Laurel Rd. to Wind-
sor Castle. At Windsor
Castle take Haas Rd. to
sale. Terms by: Paul T.,
Edward R. & Gertrude V.
Haas. Horning Farm Agy.
Inc., Aucts.

SAT. FEB. 28 - 10AM D.L.
Unruh & Son Excavating
Complete Liquidation.
Steiger Art. Tractors,
Crawler Loaders, Crawler
Tractors, Excavator,
Trucks, Trailers. Off Rt.
291 in Chestertown, MD,
approx. 3 mis. E. of the
junction of Rts. 213 & 291.
Vilsmeier Auct. Co., Inc.

SAT. FEB. 28 - 11AM
Farm Eq. HH. 2 mis. N. of
Lititz, 1 1/2 mis. S. of
Brickerville. First farm on
right S. of the Brubaker
Valley Rd., along Reif-
snyder Rd., Lanc. Co., PA.
Melvin M. Martin, Owner.
Diffenbach's Aucts.

SAT. FEB. 28 - 11AM
Farm Mach., 3 Tractors,
Dairy Eq. 3 mis. W. of
Williamsport, PA. Mr. &
Mrs. Frank DeRemer,
Owners. Fraley Auct. Co.

PUBLIC SALE OF FARM EQUIPMENT & H.H. GOODS

SATURDAY, FEB. 7, 1987

9:00 A.M.

Location: Along Shenck Rd. Get Off 283
Bypass At Salunga & Landisville Pa. Exit.
N. On Spooky Nook Rd.

4 TRACTORS

#4020 J.D. Diesel W/Power Shift, #175 M.F. Diesel, 8 N Ford; #770 Oliver Diesel, #850 N.H. Round Baler, #348 White 3-16 B. Plow w/Auto Reset, #352 N.H. Grinder Mixer W/Corn Sheller, #323 N.I. 1 Row Corn Picker, #56 I.N. 4 Row Corn Planter w/Liquor Fertilizer, #256 N.H. Rake, NH #212 Manure Spreader, #461 N.H. Haybine, 28' Bale Elevator, Off Set Disc, 2 Grain Bins w/Running Gears, 200 Gal. Century Field Sprayer, Farm Wagon, #3- Pt. Scraper, Dunham Manure Loader, Spring Harrow, Cultimulcher, 1200 Bu. Wire Corn Crib, Acetylene Torches, Gauges, Tanks & Cart, 3/4 Drive 1" To 2" Snap On Socket Set, Lincoln Welder, Barn Fan, Hog Feeders & Waters, Air Compressor, Sm. Hyd. Jacks, DeLaval Milkers, Surge Tank Washer, Snow Fence, Wheelbarrow, Scrap Iron, Sm. Tools, 3 Ph. 1 Ton Chain Hoist, Rubber Cow Mats, Brooder Stovers New, Kitchen Cabinet, Coal & Wood Stove, Space Heaters, Bedroom Suite, Wardrobe, Pfaff Sewing Machine, Watch Making & Repair Tools, Marlin 30-30 Rifle, 410 Pump Shot Gun, And Many Other Items Too Numerous To Mention. Order Of Sale Sm. Tools, H.H. Goods & Equipment.

VEHICLES

'78 VW Rabbit; '62 Ford Ranchero Pickup.

SALE BY

JONAS N. GOOD

HAROLD (ABE) SHAFFNER AUCT.

829-L

717-653-5689

FOOD STAND

MARCH

MON. MAR. 2 - Farm
Mach. Landisburg. Perry
Co., PA. Dean Pan-
nebaker, Owner. Kling's
Auction Serv., Sale Mgrs.

MON. MAR. 2 - Full Line
Modern Farm Eq. S. of
Elizabethtown, PA, off Rt.
743 along Rutt Rd. Sale
by: George B. Martin.
Raymond Miller & Rufus
Geib, Aucts.

MON. MAR. 2 - Ag-
Industrial Eq. Co. Farm
Machinery Auction. 1207
Telegraph Rd., Rt. 273,
Rising Sun, MD.

MON. MAR. 2 - 10:30AM
Horses, Mules, hay, corn
and farm machinery.
Located in Clinton Co. 2
miles NE of Loganton, PA.
along Rt. 880. Emanuel K.
Peachey, owner. Mark
Glick, Auctioneer.

WED. MAR. 4 - Farm
Mach. Carlisle, PA.
Donald Ellerman Estate.
Kling's Auct. Serv.

WED. MAR. 4 - 9:30AM
Farm Mach., 15 Head
Heifers, few HH. Located
1 mi. W. of Gap on Mine
Rd., PA. Ben S. & Mary E.
Lantz, Owners. Steve
Petersheim & Steve Jr.,
Aucts.

ANTIQUE AUCTION

MON. EVE., FEBRUARY 2, 4 P.M.

**GLASSWARE, TIN, IRON, GUNS
HUMMELS, DUCK DECOYS
FURNITURE AND COLLECTIBLES**

Location: Johnson's Auction
17 New Naven St., Mt. Joy, Pa.

Russian Lacquer Boxes, 11 Hummels, Llardo figurines, Wedgewood, Swarovsk Silver Crystal, Pictures and Frames, Moseman Tin w/animals, Oil lamps, beveled mirror, Cherry chalk boy 27", Crocks, set of 6 plank bottom chairs, Jelly cupboard, bar room chairs, oak Morris chair and other chairs, dry sink, bench, tables, trunks, wagon wheels & wooden wheel barrel. Dolls and lots of fine antiques to numerous to mention.

Terms: Cash. No out of state checks accepted.

Auctioneer: H. Edward Johnson

Mount Joy, Pa.

(717) 653-9290

AU-001842-L

PUBLIC SALE

Farm Equip., Tools &
Antiques

FRIDAY, FEBRUARY 6, 1987

9:30 A.M.

Located 1/2 mile East of Fontana on Rt.
322, Lebanon Co.

AC 8030 4 W. Dr. w/cab & 6 spools 561 hrs. -
AC 6070 475 hrs., AC 160 1511 hrs. w/bucket,
loader & manure fork - Int. 710 5 bottom 18"
auto-reset plow - Arps 7 ft. 3 pt. blade - 3 pt. post
hole digger - 3 pt. 7 ft. N.H. sickle mower - 7 ft.
bucket - J.D. 3-16" Tractor Trip plow - tractor
front & rear wts. - 12' Int. wheel carrier - Hugo 9
ft. V snow plow - 14 ft. Cobey dump wagon - AC
303 baler - 10" J.D. PTO hammer mill - #19 NI
manure spreader - 13 ft. Amco trans. disk - AC
13 ft. field cultiv. - 2-16 ft. hay wagons - Ontario
14 disc grain drill - AC 4 row rear cultiv. - 327
N.I. 2 row narrow pull type corn picker - 40' NI
elevator w/mounted drag - AC 16' self
unloading wagon - Gehl 72 flail chopper -
Brillion 14' cultipacker - 11 1/2' pasture harrow -
NI side rake - NI 8' crimper - JD 7000 4 row corn
planter - Kools 9' PTO blower & pipes - JD 12'
roto hoe - 18-34 tractor chains - Syracuse
walking plow - Mt. Ville 2 hole corn sheller.

Tools

Oil & gas cans, pumps, water bowls, 4 spd.
Craftsman elec. drill press, elec. fence, metal
posts, 100 gal. port. elec. fuel tank, rakes,
shovels, forks, plastic pipe, 1/2 & 3/4 elec.
motors, come alongs, pipe threaders, 7" B & D
disc sander & discs, ext. cords, 1/4 & 3/8 elec.
drills, drill bits, asst. wrenches, hammers, 90
lb. anvil, asst. nuts & bolts, grease guns, asst.
chains, saws, scythes, 30' ext. ladder, baler
twine, feed bags, metal gates, s.s. tubs, hyd.
cylinders, 1 ton chain block, 300 gal. port. gas
tank, 500 gal. diesel fuel tank w/elec. pump,
milk stools, wooden & metal wheelbarrows,
elec. fence chgrs., alum. water troughs
w/floats, C.I. water troughs, 2 hand water
pumps, 2 lawn mowers, bicycles, 14" & 16"
McCullough chain saws, grass seeder, Kero.
heater, scalding trough, sausage trough, hog
carrier, butcher bench, butcher furnace, iron
kettle, crocks, pudding pans, dry measures,
milk can, 2 cycle oil, asst. lumber, asst. scrap
iron, asst. tires & wheels and many farm
related items.

Terms: Cash, certified check or check ap-
proved prior to sale date. Lunch available.

Sale by Owner

MELVIN LENTZ

Auct: Joe. C. Hoke Jr.

Lic. #AU-000423-L

(717) 272-2039

G. Harvey Weik Lic. #AU-000988-L

CLA-FAN HOLSTEIN DISPERSAL

WEDNESDAY, FEBRUARY 11, 1987

10:00 A.M.

8 miles East of Lancaster City, Lancaster County, PA, 1 mile North of Route 30 on Route 897.

1986 rolling herd average 17,700 milk, 3.6 fat, 127,000 Somatic cell count.

11:00 A.M.

80 Head

REGISTERED AND HI GRADE CATTLE

80 Head

36 head, off springs of CoN-Nol Farms herd, 42 milk cows, 19 head milking with first and second calf, 11 head fresh and due in January and February, 4 animals scored very good, 10 good plus.

Auctioneer's Note: This is a great opportunity to purchase registered or grade cattle with good production and type, and foundation animals

CoN-Noll Superior Kelma 87 VG	Fresh 9 9 86	Sire Superior	6 04 years	Projected 20,701 M	826 F
			5 04 years	21 129 M	3 7 F
CoN-Noll Marvex Frebird 83 G+	Due Feb	to Chief Stewart	4 years 327 days	21,973 M	709 F
2 Daughters sell	1 Due Feb	Sired by Very			
	Yearling	Sired by Chief Stewart			
CoN-Noll Marvex Omega 82 G+	Fresh 1 3-87	to Vintage	5 04 years 326 days	21,113 M	844 F 4 0 F
CoN-Nell Gay Janelle 85 VG	Due May	Sired by Ace	9-03 years 315 days	22,857 M	774 F
Daughter sells		to Paymaster ET	3 03 years 310 days	18,439 M	731 F 4 0 F
CoN-Noll Very Cutie 82 G+	Due 5/23	to Troy	2 11 years	Projected 18,867 M	742 F
CoN-Noll Oak Star Eloise	Due 7/15	to Truxton	3 00 years	22,039 M	686 F
CoN-Noll Superior Jasseen 81 GP	Due 8/27				
2 Daughters sell		to Mandate	1 08 years	Projected 16 252 M	533 F
Jennie - Fresh 7/86	Due 7/87	Sired by Stewart			
Jane - bred heifer					
CoN-Noll Oak Star Ginger			3 00 years	Projected 16 881 M	532 F
Magician Faith 86 VG	Due May	to Steady	6 10 years	Projected 19 906 M	813 F 4 1 F
Sunny-Craft Tony Leila G 82+		by Chief Stewart	3 02 years	Projected 17 957 M	651 F 3 7 F
2 Daughters sell					
Cla Fan Mil-Nor Jodie	Fresh 10/10	to Rusty	2 01 years	Projected 14,600 M	3 8 F
Grade 89 Sired by Magnet	Due 5/20		2 years	Projected 22,875 M	671 F
Grade 100 Sired by Oak Star			2 years	Projected 18,939 M	534 F
Grade 26 Sired by Fury Ivan		to Behavior		Projected 21,686 M	959 F 4 3 F
Grade 50	Due July	to Troy	6 03 years 320 days	23,369 M	842 F 3 6 F
Grade 69	Due after sale	to Warsaw	2 01 years	19,434	755 F 3 8 F
Grade 73	Due before sale		3 01 years	21 740 M	977 F 4 5 F
	Fresh 12/21				

Animals all vaccinated, certified, accredited health records, pregnancy checked

BARN EQUIPMENT, FEED, ETC.

M M BF gas tractor, Bush Bull pull type 5' rotary mower, flat bed wagon, 3 calf hutches, 3 16' hay racks, 8' hay rack 2 circulating fans 3 Delaval D-V-300 milker units, feed carts, brooms, shovels etc, high moisture corn, hay 4 ton Stoltzfus feed bin, wagon load small items

Pedigrees: Henry Kettering
Auctioneer:

Steve
Steve Jr. Petersheim:
717-786-4624

Lic. #AU-001349-L

Owners

CLAIR & FANNIE BOWMAN

Food On Premises

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

WED. MAR. 4 - 11AM
Solanco Community Farm
Eq. Consignment Sale. 1
mi. S. of Quarryville on Rt.
222 at the Crossroads of
Rt. 222 and Solanco Rd.,
Lanc. Co., PA. Managed
by: Pennstar Farm. E.
Kreider, Bucher & Heaps,
Aucts.

THURS. MAR. 5 -
Registered & Grade
Holsteins and Farm Mach.
About 2 mis. E. of
Belleville, PA. Enos J.
Yoder, Jr., Owner. Mark
Glick, Auct.

THURS. MAR. 5 - 9AM
Messick Farm Eq. Annual
Farm Equipment Con-
signment Sale. Messick
Farm Eq., Elizabethtown,
PA. Raymond Miller, Auct.

THURS. MAR. 5 - 9AM
Big Poultry & Grain Farm
Mach. Auct. For: Osborn
Poultry & Grain Farms,
Cream Ridge, NJ. Col.
Fred R. Daniel, Auct.

THURS. MAR. 5 -
11:30AM Complete Dairy
Herd Dispersal, 47 Highly
Productive Holstein Cows,
Bred & Open Heifers,
Dairy Eq., Mixed Hay,
Straw & Ear Corn.
Location: Turn off Rt. 30,
3 mi. east of York, thence
turn north onto Rt. 24, 6
mi., then take Long Rd.
east 1/2 mi., then turn left
on Gravel Hill Rd., York
Co. Leroy H. and Blanch
Hertzler, Mt. Wolf, RD1,
PA. Clair Slaybaugh,
Auctioneer.

FRI. MAR. 6 - 9AM
Machinery. At the

Belleville Livestock Mkt.,
Belleville, PA.

FRI. MAR. 6 - 9AM Dairy
Heifers & Springers.
Consignment Farm Mach.
etc. 3 mis. NW of Port
Trevorton off Rt. 15.
Terms by: James & Erhan
Martin, Harold Fraley &
Brian Imes, Aucts.

FRI. MAR. 6 - 10AM Horse
Sale at New Holland Sales
Stables, New Holland, PA.
Abe Diefenbach, Manager.

FRI. MAR. 6 - 10AM 200
Head Holstein Dairy
Cattle. 30 mis. W. of
Cochranville on Homeville
Rd., Chester Co., PA. Wm.

E. Parry & Sons, Owners.
Whitford Sales Co., L.
Robert Frame Sr. & Sons,
Aucts.

FRI. & SAT. MAR. 6 & 7 -
10AM Ea. Day. 17th
Annual 2 Day Con-
signment Sale of all types
of Farm Eq. to be held at
the Donald Scheese Farm,
RD#3, Elmer, NJ. 609-
455-3462. Consignments
accepted up to Thurs.,
Mar. 5. Blaine Rentzel &
Clyde Wolgemuth, Aucts.

SAT. MAR. 7 - Farm Eq. &
Tools. David H. Martin,
along New Holland Road,
1 mi. S. of New Holland.
Nevin Martin & Lewis
Groff, Aucts.

SAT. MAR. 7 - Bart Twp.
Fire Co. All Day Sale of
Horses & Mules, Farm Eq.,
Hay & Straw, Building
Materials, HH. Located
Village of Georgetown on
Rt. 896. Lanc. Co.

SAT. MAR. 7 - Farm Eq.

Located between Lincoln
and Brunnerville, PA.
Allen W. and Bertha W.
Weaver, Owners. Paul
Martin & John D. Stauffer,
Aucts.

SAT. MAR. 7 - Farm Mach.
RD #3, Newville, PA. C.
Everett Warner & Rodney
Nailor, Owners. Kling's
Auct. Serv., Sale Mgrs.

SAT. MAR. 7 - Robert
Reherd Farm Machinery
Sale. Airville area, York

Co. J. Everett Kreider,
Auct.

SAT. MAR. 7 - Farm Eq.,
HH. 2 mis. S. of St.
Thomas, Franklin Co., PA.
Roy Sollenberger, J.
Robert Meyers, Auct.

SAT. MAR. 7 - 9AM
Horses, Cattle, Hogs, Old
Engines, Farm Mach.
Millin Co., 2 mis. NE of
Reedsville, PA, on Church
Lane. Eli J. & Barbara
Yoder, Owners. Mark

Glick, Auct.
SAT. MAR. 7 - 9AM Farm
Eq., HH. Located approx.
1 1/2 mis. W. of Millheim on

Rt. 45. Matthew & Lois
Smith, Owners. Leon J.
Smith, Jr. & James T.
Smith, Aucts.

PUBLIC AUCTION

FRIDAY., MARCH 13, 1987

10 a.m.

7 Tractors, Trucks and
Farm Machinery, Crops and
Harvestore Silo

3 1/2 mis. W. of Cochranville on Homeville
Rd., Chester Co., PA.

Full particulars later.

By The Order Of:
WM. E. PARRY & SONS

Auction conducted by:

**WHITFORD
SALES COMPANY**

L. ROBERT FRAME, SR. & SONS, AUCTIONEERS

Box 100, Uwchland Post Office,
Eagle, PA 19480
AU-000292-L
215-458-5060

PUBLIC AUCTION

OF FARM EQUIPMENT

WINELAND EQUIPMENT, INC.

RD 2, MARTINSBURG, PA. 16662

SATURDAY, FEBRUARY 7, 1987

10:00 A.M.

LOCATED: On Rt. 164, 2 Miles East of
Martinsburg, PA (4 Miles from Altoona
Airport.)

TRACTORS: Oliver 1650 Tractor w/Loader and
Wide Front, Oliver 1750 Tractor w/WF, JD 60
Tractor, IHC 1066 w/Wide Front - nice, IHC 886
Tractor w/cab Heat and Air, 1100 Hrs. Local, 2-
JD 3020 Tractors w/Wide Front, 1 w/RG and
Canopy, JD 1010 Tractor, Farmall 400 DSL,
Ford 8N Tractor, Farmall Super C w/Fast
Hitch and Hyd., IHC 4500B Forklift w/21' Mast
Excellent, JD 480 Forklift w/21' Mast Ex-
cellent, Low Hrs., JD 820 3 Cyl. Diesel - Nice,
JD 4020 Side Console - Wide Front, Uni-loader
skid steer, Long 560 MFWD, IHC 434 Diesel
Utility.

BALERS AND HAY EQUIP.: IHC 440 Baler
w/Thrower, IHC 37 Baler w/Thrower, JD 24T
Baler w/30 Hyd. Thrower, NH 275 Baler
w/Thrower, Oliver Hay Raker, Hesston 320
Self-Propelled Windrower.

COMBINES AND CORN HEADS: JD 105
Combine w/Cab and Q-Tach Feeder House,
Gleaner M2 Loaded 1400 Hrs. and 15' Flex Head
and 6 Row 30" Cornhead, JD 45 Combine w/Cab
and 2 Row Wide and 13' Hume Reel Grain
Head, Gleaner K Combine w/Cab and 12' Grain
Head, JD 30 Combine Pull-Type, Mud Hog 4WD
Combine Axle, Straw Chopper for 4400 Com-
bine, Gehl Flail Chopper 6', JD 3 Row Row
Crop 30", NI 729A Super Sheller w/4 Row 30"
Corn Head, JD 343 Corn Head w/Harvester
Mount - Excellent, JD 3 Row Wide Row Crop
Head, JD 243 Cornhead w/Harvester Mount,
JD 244 Corn Head, 5 - JD 2 Row Narrow and
Wide Row Crop Heads, International 315 Hydro
w/13' Platform.

DISK HARROWS: JD KBA 9' Wheel Carried
Disk, JD 210 Disk 12', JD 220 Center Fold Disk
w/Cushion Gang 18'6", Pittsburgh 10' Disk,
IHC 11' Disk - Nice, Pittsburgh 12' Disk.

HARVESTERS AND HEADS: JD 5460 Self-
Propelled Harvester w/4WD Rotary Screen, 2-
JD 3800 Harvesters, 1 - JD 35 Harvester, JD 7'
Pick-up, 4 - JD 5 1/2 Pickups, Hesston 2000-150
Harvester w/2RN and Grass Head.

PICKERS: NI 323 1 Row Picker, NI 325 2 Row
Picker Narrow, NI 325 2 Row Narrow Super
Sheller - Like New.

PLOWS: IHC 3 Bt. Plow, JD 4 Bt. Trailer Plow,
JD 4 Bt. Mounted Hyd. Reset Plow, JD 2 Bt.
Plow, JD F325 3 Bt. Hyd. Reset.

SPRAYERS: Century 1000 Tandem Sprayer
w/Elect. Controls, Walsh 3 Pt. 300 Gal.
Sprayer, Century 300 Gal. Sprayer, JD 550 500
Gal. Sprayer.

TRUCKS: 1969 GMC Astro Single Axle Truck
Tractor w/238 Detroit and 15 Sp. Road Ranger,
1975 Ford C750 Truck w/26' Roll Back Jerrdan
Bed - Motor Rebuilt.

MISCELLANEOUS: White Field Cultivator,
Hincker Cab for IH Tractor, Little Giant
Elevator w/Motor 26', JD 4020 Fenders, JD 48
Loader, JD 50 Side Mount Mower, Hesston 1090
Mower Conditioner, JD 1240 Planter, AC 4 Row
No-Till Planter, White 543 Corn Planter, Herd
750 Spin Spreader, Gehl 350 Tandem Spreader,
Starline Tandem Tank Spreader, Ford 5'
Snowblower - Like New, Many Sets of Dual
Wheels Snapon and Direct Axle, 12' Utility
Trailer, and Miscellaneous Small Items.

**SOME L & G EQUIPMENT DAY OF SALE
FINANCING AVAILABLE THROUGH J.D.F.
W/PRIOR APPROVAL**

**SOME ITEMS MAY BE ADDED AND OTHERS
DELETED DUE TO DAILY BUSINESS.**

TERMS: CASH OR GOOD CHECK

**SALE CONDUCTED FOR:
WINELAND EQUIPMENT, INC.**

RD 2
Martinsburg, PA 16662
(814) 793-2109

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
(717) 764-6412
Lic. #761

GOOD'S AUCTION

111 North Maple Ave., Leola, PA 17540

HAY, STRAW, GRAIN SALES

Every Wed. at 12:00 Noon

FARM MACHINERY SALES

First & Third Wed. of Each Month

Feb. Thru June

TOOLS & HARDWARE at 9:00 A.M.

LAWN & GARDEN at 12:00 Noon.

LUMBER & BUILDING MATERIAL

at 11:00.

NO OUT OF STATE CHECKS.

NO HOUSEHOLD ITEMS.

NO JUNK.

CLOSED SATURDAYS

GOOD'S AUCTION

111 North Maple Ave.

Leola, PA

Ph. 717-656-9558

A.H.000014-L

ATTENTION!!!

ABSOLUTE

PUBLIC AUCTION

"This Farm Will Sell To The Highest Bidder"

SATURDAY, FEBRUARY 28, 1987

AT 11:00 A.M.

101 ACRE DAIRY FARM

w/approx. 90 Acre Tillable

w/Gentle Slope To Most Flat Terrain

(Formerly John J. Leshner Farm)

LOCATED IN GRATZ, PA.

Directions From Square Of Gratz Go 1/2 Mile North On
Kinglestown Road To Bellveve Drive to Farm.

Farm Located In Lykens Township, Dauphin County

Farm Features...

2 1/2 Story Frame House w/Aluminum Siding, Kitchen
w/Cabinet, Oil Hot Air Heat, 4 Bedrooms /1 Full Bathroom,
Living & Dining Room Areas, Others, Well Water, Septic; (2)
A.O. Smith Harvestore Silos 20'x40', 20'x60', (1) Stave
Concrete Silo 20'x60'; (1) Small Silo, 77 Free Stalls w/Surge
Pipe Line For 16 Stalls; 500 Gal. & 300 Gal. Girton Milk Tanks;
94'x120' Free Stall & Lofting Area Building; 30'x96' Bunk
Feeder Building w/Lofting Feed Area; 50'x80' Implement &
Storage Building; 24'x60' Shop Area; Other Small Buildings.
This Farm Contains Approx. 1 Mile Of Road Frontage And Has
A Small Creek Bordering North Corner Calvin Loam Soil.
To Inspect Farm Go Directly To Farm Or Call Federal Land
Bank, 717-291-1855.

Terms: 10% Down Day Of Auction. Balance within 30 Days.

Auction For:

FEDERAL LAND BANK

GREGORY E. DIEHL

717-291-1855

Auction Conducted By The
J. Omar Landis Auction Service
Jay M. Witman, AU-001127-L
Box 501, Ephrata, Pa. 17522
717-733-7917 or 665-5735

PUBLIC AUCTION

CLEAN MODERN
FARM EQUIPMENT

FRIDAY, FEB. 6, 1987

at 10:30 A.M.

1/2 mile south of the Village of
Tunkhannock & the traffic light, along Rt.
29, next to Sire Power, Wyoming Co., Pa.

Tractors

JD 4640 diesel w/cab., quadrange, loaded
w/extras, 510 hrs.; JD 4430 diesel w/cab,
quadrange, loaded has 2130 hrs.; JD 2840 diesel
w/roll guard canopy, loaded has 1080 hrs.; JD
4320 diesel w/roll guard canopy, 4000 hrs.; JD
1020 diesel w/hi lo shift, 3250 hrs.; JD #175 frt
end loader for same w/hyd. bucket & pallot
fork.

Combine

JD 6600 hydro w/straw chopper, 1400 hrs; JD
213 grain head, JD 444 corn head.

Tillage

JD 2500 auto spring reset 5-18" semi mtd. pl
w/hillside hitch; JD 1610-12 shank 3pt. chisel
pl; JD 1010 3pt. 15 1/2' wing field culti; JD 215
Dura Cushion 12 1/2' transport disc.

Planting

JD 7000 conservation 4 r planted w/fert auger
filler & seed monitor; JD 8300-18 dbl. disc grain
drill w/grass seed attach, sowed 40 acres;
Stoltzfus mod. H-5 tandem axle wet lime
spinner spreader; 3 pt. grass seed or fert
spreader; Hardie 300 gal. inline poly tank
sprayer w/36' boom, triplet nozzles & dyafram
pump; 3 pt. 200 gal. poly tank weed sprayer.

Haying

JD 346 baler w/ejector; AC 444 baler
w/thrower; JD 1209 mower conditioner; JD 8'
mower; JD 50-7' side mtd. mower; NI hay
conditioner; 32' bale elev; rd. bale feeder.

Misc.

5- McCurdy, Kill Bros or Parker gravity
wagons w/8 & mostly 10 ton chassis; JD 500 bu.
auger unloader grain cart; Morridge 350 bu pto
badge grain dryer; United Farm tools 4 r 12' c
stalk shredder w/four spaced tires; JD 3 pt. 307
Gyramor rotary cutter; Big Blue two beater
forage wagon; 900 gal. water tank w/engine &
pump; JD 115-3pt. rear blade w/hyd adjust; 3
pt. pallot fork; steam Jenny; hyd clys; 110 gal.
pick up fuel tank; 300" skid fuel tank; JD 112
riding mower w/hyd; Farmall Cub motor
w/clutch; motor oils; wood stove; Pr. of 18'4-
34" rims; pr. of 18.4-38" duals w/rms; 2-10hp
single phase motors w/starts; 400 bales
grass hay.

Camper

Perris Valley 8' slide in w/3 way refrig.

AUCTIONEERS NOTE: This equipment is as
clean as you will ever find, I know you will
agree, Phone- 717-836-5927.

TERMS: Cash or acceptable check, out of state
buyers must have a current bank letter of
credit.

Refreshments available

Ordered by

RICHARD L. PAULSON

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Pa. License #AU-001809-L

PAULSON ZETZLEMOYER AUCTION CO. INC.

Announcing The Complete Liquidation Of J. & B. Potato And Grain Farms, Inc.

New Jersey's Largest And Most Up To Date Potato Grower And Packing Operation

Monday, February 16, 10:30 A.M.

(Blizzard Date: Wed. Feb. 18)

Exit #8 of the New Jersey Turnpike
Hightstown, (Monmouth Co.) New Jersey

Sale to be held at the farm. From Exit #8 of the New Jersey Turnpike, go east on Rte. 33 about 2 miles to Hights Farm Equipment Dealership, turn right at light onto Butcher Road, follow about 1 mile to dead end and turn left, again follow to dead end, turn left and farm is second driveway on left.

Having sold the entire farm to developers, J&B Potato and Grain Farms, Inc. are completely discontinuing all farming operations. Selling is a very well maintained line of modern machinery in field ready condition!

Tractors

IH 1586 full factory cab, air and heat, new 24.5-32 rubber, Murphy switch on engine; IH 186 Hydro, factory roll bar cab and enclosure, 18.4-38 rubber, Murphy switch on engine; IH 100 Hydro, Turbo, 18.4-38 rubber, Murphy switch on engine; IH 1456 Turbo, 18.4-38 rubber, Murphy switch on engine; IH 1086, factory roll bar cab and enclosure, 18.4-38 rubber, Murphy switch on engine; IH 806, 18.4-38 rubber, Murphy switch on engine; Oliver 88 wide front tractor.

Note: The tractors are nice! Put away each fall with a coat of wax and not started again until spring!

Specialized Potato Farm and Warehouse Equipment

1985 Haines Deluxe 2-3-4-6 cut, high volume, super seed cutter with all the frills!; Haines new style auger-duster; 1985 Dahlman PC-450 Cup type planter, pull type 4-row with dry fertilizer boxes, Gandy applicators, top cross fertilizer fill auger, individual control alternating markers, 2 center buster bars. This unit has planted less than 600 acres!; Haines 25 ft. tube type belt conveyor seed, grain or fertilizer loading unit on transport wheels with 16 h.p. B&S gas engine; Lockwood 4500 conventional 2-row harvester with all belted chain, hyd. shakers, double disk openers, steerable axle, 2 trash eliminators, road lights and other frills and harvested about 600 acres behind windrower! This unit is 3 yrs. old!; Homedesignated Champion potato harvester converted to 2-row windrower with belted chain. This is a first class job and a good windrower for anyone; 4 Haines 22 ft. bulk bodies with grain pans, one is the very newest style!; 1 Haines 18 ft. bulk body with grain pan; 2 Haines 14 ft. bulk bodies with grain pans; 1 Lockwood and 2 Dahlman 14 ft. bulk bodies, no grain pans; 2 Baker Weigh-O-Matic 20 head automatic baggers with 20 lb. scales; Haines 27 ft. Flume designed to accommodate 2 bulk bodies unloading at the same time; Haines 7½ h.p. flume paddle pump; Haines 48 in. wide, 9 ft. combination brusher and sponge roller drying unit; Haines 60 in. wide, 12 ft. gas fired dryer unit, (brand new burner); Haines 60 in. wide, 11 ft. roller picking table with pickout side take off conveyor; 1986 Milestone adjustable worm auger chef sizer; Haines 48 in. wide 14 ft. flat belt distribution table; Haines chef sizer; Haines 48 in. wide 10 ft. flat belt conveyor; Haines 60 in. wide, 5 ft. chain sizer; Haines 36 in. wide, 12 ft. rubber coated draper chain dirt eliminating conveyor; 2 Haines 12 in. wide, 20 ft. draper chain pickout elevators; Haines 12 in. wide, 18 ft. draper chain pickout elevator; Haines 12 in. wide, 7 ft. long side take off conveyor; Haines 24 in. wide, 8 ft. corrugated belt conveyor; 12 in. wide, 7 ft. corrugated belt conveyor; 12 in. wide, 12 ft. corrugated belt conveyor; Haines 25 ft. boom bin stacker; Haines bulk trailer loader with conventional style 38 ft. boom; Kiper's 80 in. long adjustable height L-conveyor; Other 112 in. long L-conveyor; 2 Fischbein series 10 thousand sewing machines on adjustable stands; Tew 60 in. diameter round distribution table; 3 New Long hand sewers; Kiper's 55 in. diameter round distribution table; 3 New Jersey wire stitchers; 2 Haines double baggers; Haines single bagger; Poly hanger; 5 platform scales, 2 with over-under heads; Poly closing table; 12 in. wide, 20 ft. long feeding conveyor to 50 lb. bag closing unit and new style; Union Special sewing machine!; Yale 4000 lb. lift batter operated pallet forklift; 2 Hyd. bulk body unloading motors; 4 aluminum dock plates; 2 electric bulk body unloading motors; 2 salamander space heaters; 1 gasoline motor bulk body unloading motor; Haines 7½ h.p. hyd. power unit; Plus the following big inventory of name printed Bemis

bags: 250,000 plus of 10 lb.; 50,000 plus of 5 lb.; 10,000 Master 10 lbs.; 10,000 Master 5 lbs.; 10,000 plus of 20 lb.

NOTE: An excellent packing house line-up with something for every size packer! Much of this line was purchased new in 1981.

Trucks: (Most with 10:00 rubber)

1972 Ford 800 Louisville 10-wheel twin screw, cab and chassis, new engine, 5 sp. trans., with 3 sp. auxiliary; 2-1970 IH 1800 10-wheel twin screw, cab and chassis, one with new engine, both with 5 sp. trans., with 3 sp. auxiliary; 1969 Ford 800 10-wheel twin screw, cab and chassis, 5 sp. trans., with 3 sp. auxiliary; 1961 GMC 10-wheel twin screw, cab and chassis, 5 sp. trans., with 3 sp. auxiliary; 1973 IH 1700 6-wheel, cab and chassis, 5/2 trans.; 1969 GMC 7500 6-wheel, cab and chassis, 5/2 trans., with 3 sp. auxiliary; 1967 IH 1800 6-wheel, cab and chassis, new engine, 5/2 trans.; 1968 Chevy 50 6-wheel, cab and chassis, 5/2 trans.; 1957 GMC 6-wheel cab and chassis; 1950 GMC cab and chassis; 1966 Ford 1000 Super Duty yard truck-tractor; 1970 Dodge 600 steel flat bed with rack; 1965 GMC flat bed; 1953 Ford 750 with hoist and 14 ft. deck; About 1954 Ford 600 with hoist and 12 ft. deck, (no title); 1980 GMC 15 series, 4 WD pick-up with good Myers angle plow; 1979 Ford 150 pick-up, auto. trans.; 1975 Chevy Custom 10 pick-up, 3 sp. trans.

General Farm Equipment And Accessories

IH 2450 quick attach, high lift front end loader with 7 ft. dirt bucket; also an 8½ ft. produce bucket to be sold separately; JD 4600 5-18 on the land roll over plow in like new condition!; Brillion 21 ft. fold up crowfoot packer; MF 21 ft. folding wing disk; Kent 19 ft. 6 in. fold up field cultivator; 3 Lilliston 4-row rolling cultivator; IH 7 shank subsoiler; 2 IH front mount 4-row cultivators; Sunflower 16 shank chisel plow; 3 4-row 3 pt. tool bars; Lely 1250 3 pt. seed-fertilizer broadcast spreader; IH 510 24-6 double disk grain only drill with depth; pans and press wheels; JD 7000 6-row 30 in. conservation corn planter with dry fertilizer cross elevator, bug boxes and monitor; IH 50 6-row corn stalk chopper, all rebuilt!; 4 Stone 10 ton fertilizer bulk bodies with hyd. unloading motors; Lowmotor gasoline engine forklift with single stage lift; Buda gasoline forklift with single lift; Gandy 10 ft. pull type lime spreader; 2 Gandy hyd. driven 12 ft. applicators; 2 1500 gal. poly and fiberglass liquid fertilizer tanks; Set of 18.4-38 snap on duals; Set of 13.6-38 snap on duals; Set of 18.4-38 belt on duals; Set of 18.4-30 snap on duals; 2 Sets of 15.5-38 tires on solid hub wheels; Shop lift crane; 3 Sets of IH suitcase weights; 20 ton press; 7 550 gal. skid tanks; Torch outfit; 3 pick-up fuel tanks; Category 3 quick hitch; Holland 1-row transplanter with special deep till coulter and shoe; Century 300 gal. poly tank 3 pt. sprayer with 48 ft. booms; Detroit 671 diesel power unit with clutch.

Irrigation Lines

2 Hale model 60 trailer type, p.t.o. high pressure 6x6 pumps; 1 Hale model 60 3 pt. hitch, p.t.o. high pressure 6x6 pump; Berkley 8 in. intake x 6 in. output irrigation pump with Chrysler 413 industrial power unit; 7 Sure Roll moving irrigation systems with 1200 ft. each of 5 in. alum. pipe; Ag Rain water winch, piston drive with 660 ft. of 4½ in. soft hose and Nelson 200 gun; App. 12,800 ft. of 6 in. alum. pipe in 40 ft. sections; App. 3,200 ft. of 5 in. alum. pipe in 40 ft. sections; App. 2,640 ft. of 4 in. alum. pipe in 40 ft. sections, Pipe trailer; Various sprinklers, couplers, elbows and usual irrigation pipe accessories.

NOTE: Pipe is either Anderson-Miller or Wade Rain.

Mr. Farmer, mark Mon. Feb. 16 (Washington's Birthday) on your calendar and plan to attend this sale in an area where there will soon be no farms left. Sale of the farm is the only reason you are getting this opportunity to buy here! As usual we will do all we can to oblige you! We will be selling big machinery at 11:00 A.M.! Your prior inspection and inquiries are invited!

Air Accommodations: Private Craft at Robbinsville, NJ. Private craft will be met. Commercial Flights to Newark, NJ, rental cars available.

Plenty of motels of all descriptions in the area. Lunch available at sale site.

Trucking arrangements can be made at truck brokerage at sale location: Riteway Truck Brokers, reference: "Blue Book" - 3 star rating. Contact Joe Mount or Wayne Adams 609-443-3632.

Loading dock and loading accommodations at sale site.

TERMS: Cash, Travelers Checks, Certified or Cashiers Check or Money Order in U.S. Funds. Honorable personal check will be accepted from those people who have established good relations with the auction company. Those unknown to the auction company must adhere to the above terms or present to Pirrung Auctioneers, Inc., upon registering to bid, a current irrevocable bank letter of credit stating the amount you may spend up to. For any further credit information, contact Pirrung Auctioneers, Inc. prior to the auction date.

Owned by J. & B. Potato And Grain Farms, Inc.

Mr. James VanHise 609-443-5369

Mr. Bud Michalchuk 609-448-6595

Office 609-443-5742

Auction conducted by

PIRRUNG AUCTIONEERS, INC.

Wayland, New York

716-728-2520

Pirring Auctioneers, Inc. are specialists in the sale of potato farm machinery and are willing to travel anywhere.

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. MAR. 7 - 9:30AM
Farm Equipment & Dairy
Heifers. Located along Rt.
422, 3 miles West of
Myerstown or 4 miles East
of Lebanon. Turn North on
Halfway Dr., approx. 1/2
mile to sale. North
Lebanon Township,
Lebanon Co. Terms By:
Christian H. & Eva M.
Kurtz. Horning Farm
Agency Inc., Auct. 215-
286-5183

SAT. MAR. 7 - 9:30AM
Farm Eq., HH, Antiques
Located along
Newswanger Rd., 1 mi. E.
of Hinkletown, Ephrata
Twp., Lanc. Co., PA.
Terms by: Alvin H. & Anna
Weaver. Paul W. Horst &
John Fry, Aucts.

SAT. MAR. 7 - 9:30AM;
Real Estate 2PM. Lot 147
Perches, 2 1/2 story frame
dwelling. Located 171 E.
Main St., village of
Bareville, between New
Holland and Leola. Terms
by: Esther, Edna and
Grace Wenger. Robert E.
& Jeffrey R. Martin, 717-
656-7770. Frank L.
Steller, Aucts.

SAT. MAR. 7 - 9:30AM
Utility Vehicles. New York
State Electric & Gas,
Binghamton, NY
Vilsmeier Auct Co, Inc

SAT. MAR. 7 - 10AM
Consignment Farm Eq. &
Hay & Straw. RD1,
Marietta, Lanc Co., PA
From Rt. 30 take
Columbia Exit, Rt. 441 N.
to second red light right
on Rt. 743 N. approx. 3
mis. left on Donegal
Springs Rd. From Rt. 283
off on
Elizabethtown/Hershey
Exit, take Rt. 743 S. for
approx. 7 mis. right on
Donegal Spring Rd. All
American Auction Service.

SAT. MAR. 7 - 10:30AM
Farm Mach. Abe Peachey
Farm, 1 mi. N. of
Lewisburg Evangelical
Hospital. On Hospital
drive. Turn W. off Rt. 15 at
traffic light at hospital, 2
mis. N. of Lewisburg, PA.
Peachey Bro. Dairy,
Owners. Earl W. Esh,
Auct.

MON. MAR. 9 - Con-
signment Sale. Farm
Machinery & Related
Items. Lebanon Fair

Grounds Held by
Lebanon Valley Auction
Co. For information: 717-
866-2135 or 717-272-
4641

MON. MAR. 9 - Modern
Farm Eq. Along Strickler
Rd. just off Mt.
Joy/Manheim Exit of Rt.
283. Sale by: Marlin
Shellenberger. Raymond
Miller & Rufus Geib,
Aucts.

TUES. MAR. 10 - Farm Eq.
Exit, take Rt. 743 S. for
approx. 7 mis. right on
Churchtown Rd.,
1 1/2 mi. S. of Churchtown
Nevin Martin & Lewis
Groff, Aucts.

TUES. MAR. 10 - Dairy
Herd Dispersal. RD,
Mechanicsburg, PA.
Norman Hertzler, Owner
Kling's Auct. Serv.

TUES. MAR. 10 - Farm Eq.
Stewartville, NJ. For
Franklin & Marjorie
Gaisler. Ralph W. Ze-
tlemyer Auct. Co., Inc.

TUES. MAR. 10 - 10AM 30
Head Holstein Dairy
Cattle, Farm Eq., Hay,
Corn and Ensilage, HH. 1
mi. W. of Lampeter Rd., 1/2
mi. SE of Lancaster City
Limits, 1/2 mi. S. of Rocky
Springs Park, first lane
left off Eshleman Mill Rd.
W. Lampeter Twp., Lanc.
Co., PA. Abram K. King,
Owner. Diffenbach's
Aucts.

WED. MAR. 11 - 11AM Big

Late Model Grain Farm
Machinery Auction. 211
Upper Silver Lake Rd.,
Newtown, PA. All one
owner, well kept. Amos &
Gary Kirk, Owners. Col.
Fred R. Daniel Aucts., Inc.

THURS. MAR. 12 - Farm
Mach. Mechanicsburg, PA.
Ashcombe Farms,
Owners. Kling's Auct.
Serv., Sale Mgrs.

THURS. MAR. 12 -
Virginia Holstein Assn.
Spring Sale. 150 Reg.
Fresh & Springing Heifers.
Ownby Auct. & Realty Co.,
Inc.

THURS. MAR. 12 - 10AM
Farm Machinery, Dairy
Eq. Centre Co., 2 mis. E.
of Centre Hall, PA, on Rt.
192. Harry & Alice Mc-
Celenahan. Mark Glick,
Auct.

THURS. MAR. 12 -
10:30AM PA Seventh
Annual Heifer Sale for
World Relief. Mel Kolb's
Black and White Dairy
Barn, Dairy Rd., Lan-
caster, PA. 2 mis. W. use
Flory Mill Rd. exit. Wilmer
G. Kraybill, Sale Mgr.
John Umble, Lee Kurtz &
Omar Stoltzfus, Aucts.

THURS. MAR. 12 - 11AM
PA 7th Annual Heifer Sale
for World Relief at Mel
Kolb's Sales Barn, Lan-
caster, PA. Wilmer
Kraybill, Manager.

FRI. MAR. 13 - Con-
signment Farm Machinery
Auction at Keister's
Middleburg Auction Sales,
Inc., Rt. 522, 3 mis. E. of
Middleburg, PA, 5 mis. W.
of Selinsgrove, PA. Don &
Walt Keister, Owners.

PUBLIC SALE

From Interstate 81 South of Martinsburg,
West Virginia, Take Exit #5 (Inwood) WV,
Route 51 East approximately 3 1/2 miles to
Shutt's Cash Grocery (Formerly Haines')
Turn right - .2 of a mile to sale -- OR --
From Charles Town, WV, Take Route 51
West, Go approximately 8 1/2 miles to
Shutt's Cash Grocery - Turn left - .2 of a
mile to sale.

SATURDAY, FEB. 7, 1987
At 9:00 A.M.

TRACTORS & EQUIPMENT

Approximately 20-25 tractors including Cubs,
Fords, John Deere, Internationals, Fergusons
and other tractors. We will also be offering 2
and 3 axle trailers, a good selection of plows,
cultivators, wagons, new and used rotary
cutters, 6 and 7 foot blades, post hole diggers,
discs, wood saws, rakes, balers, round balers,
grain elevators, corn pickers, corn planters,
and other farm related articles.

We will also be offering a good selection of
NEW AND USED TOOLS - Canned goods,
hams and other food items. Some Household
articles. Cuz of Pennsylvania will be here with
watches, tapestries, crystal and sewing
material.

TERMS: Cash or Good Check. Nothing to be
removed until settled for. ID required to
acquire bidding number.

EDGAR A. BOHRER, Sale Mgr.
WV Lic. #18-87
304-229-8354

NOTE: THIS IS A CONSIGNMENT SALE. Let us
turn your unused farm articles, household articles,
and antiques into cash for you. If you are con-
sidering having an auction, please contact us. We
would be pleased to serve your needs.

ORDER OF SALE: SMALL ITEMS: Tools,
household articles, food, etc. will be offered
promptly at 9 a.m.; **TRACTORS AND**
EQUIPMENT: Will be offered promptly as 12
Noon.

Not Responsible For Accidents On Premises
Lunch Rights Reserved

AUCTION SALE

GREAT TRUCKS- EXCELLENT COMBINES
- GOOD TRACTORS- GRAIN TANKS

Having Discontinued farming operation, Curtis Steen, Jr.
will sell the following farm equipment on

SATURDAY, FEBRUARY 14, 1987

Beginning At 11:00 A.M.

Piney Neck Road
Dagsboro, Delaware

Additional items have been consigned by neighbors.
Everything sells to the highest bidder.

Combines, etc:

John Deere 6620 combine w/4 wheel drive, new condition, only 351 hours &
215 Flex header, Sn 506036, 1982, 24.5x32 front tires, 16.9x26 rear tires; John
Deere 6620 combine w/215 flex header, only 1160 hours, 1981, Sn 455934, ex.
cond.; John Deere 7700 turbo, 1978, rotary screen, only 2594 hours, 24.5x32
tires, 216 rigid head, in ex. condition; 3 John Deere 444 corn heads, all in
excellent condition; John Deere 222 Flex grain head.

Tractors:

John Deere 4630 w/hydraulic front wheel drive, cab and air, 3974 hours,
quad range, 20.8 tires, factory duals, high back seat, Sn 22684, 1976, very
good; John Deere 4430 w/cab and air, 4450 hours, quad range, 20.8x38 tires,
high back seat, 1976; John Deere 4430 w/cab and air, quad range, dual
remotes, 5300 hours, high back seat, 1975; White 2-135, 1978, cab, air dual
remotes, quick hitch, 18.4x38 tires, only 1745 hours; John Deere 600-A high
cycle highboy w/gas engine, 40' booms, 647 actual hours; John Deere 3020,
excellent condition, on dash hydraulics, 16.9x34 tires; 1984 Case 1816C skid
steer loader w/48" bucket, 294 hours, excellent condition; International 674
low profile w/high low trans., 2183 hours; International 2250 loader
w/manure bucket; 1981 Ford CL-30 skid steer loader, hydrostatic drive
w/60" bucket; Massey Ferguson 1135 w/cab and air, quick hitch, 20.8x38
tires, 2414 hours; Massey Ferguson 1105 w/cab and air, 18.4x38 tires, 3174
hours; Ford 700 diesel, 16.9x38 tires, 5 front weights, 2377 hours.

Trucks:

1976 GMC 6500 w/14' dump, 23,120 actual miles, w/366 engine, 5x2 trans,
23,100 GVW, in ex. condition; 1979 GMC w/15' New Leader L-70 double
spinner manure body, wide chain, only 10,150 miles on whole unit, V-8 w/5
speed, ex. condition; 1976 Chev. C-65 w/15' Meadows dump, 5x2 trans., 366
engine, 9:00x20 tires, 65,000 miles, good condition; 1973 GMC w/16' Spicer
dump body, 81,500 miles, 5 speed, 366 engine; 1965 GMC w/New Leader L-
70 16' manure body, wide chain; 1972 Chevrolet w/New Leader L-70 14'
body, needs engine; 1978 Ford F-250 4 wheel drive pickup w/Meadows
utility body, Auto., Air, 65,000 miles; 1984 Olds Delta 88, Steel blue, air,
cruise, 4 door, 75,000 miles, Md. inspected.

Grain Tanks:

3- 20,000 bu. BSB tanks w/floors; 1- 20,000 bu. Long tank; 2- Elevators; M &
W continuous flow gas dryer; REMOVAL 9 MONTHS.

Planters and Implements:

International #800- 10x18" plow, good cond.; JD 7000 8 row wide planter
w/insecticide; JD 26' slide axle trailer; MF 43 grain drill, 22 spout, single
disc openers; Hardee offset bush hog, hydroslice; MF 620 17' disc. very
good; JD 1710 mulch cutter, 11 chisel teeth, 18 cone disc; JD BWA 14' disc;
International #133 8 row Fold S tine cultivator w/rolling fenders; 2 Westco 8
row wide cultivators, hydraulic fold; Ferguson 12 pull type chisel plow; 2
hydraulic jack & house jacks; JD 737 15' rotary cutter; JD 145 6x16 semi-mt
plows; JD 145 5x16 semi-mt plows; JD 400 15' rotary hoe; Int'l #45, 22' vibra
shank field cultivator, hydro fold; Bowman manure conveyor w/9 hp
Briggs engine; 2- 4 row S tine Westco cultivators; Spray Rite sprayer 40'
hydro booms, 200 gal tank, 3 pt.; 2000 gal. fuel tank; 75 hp electric motor.

Directions: US Rt. 113 south from Dover, turn East on Rt. 26, go
to light, turn left, take first right, go 1/2 mile, sale on left.

Inspection: All equipment will be on yard on Wednesday before sale.

Terms: Cash or good check on day of sale.

CURTIS W. STEEN, JR. Owner

Pete Richardson Auction Sales

P.O. Box 51

Willards, Md. 21874

546-2425 Office

742-6220 Home

CARROLL'S CONSTRUCTION EQUIPMENT AUCTION

Public Welcome

CARS • TRUCKS
LOADERS • MORE!

Friday, February 13, 1987

11 a.m.

Felton, Delaware

CONSIGN NOW!

Call or write for consignment forms



CARROLL'S
SALES COMPANY, INC.
AUCTIONEERS

P.O. Box 307
Felton, Delaware 19943
(302) 284-4911
284-4541



COL. FRED R. DANIEL AUCTIONEERS INC.:

PRESENTS:

THESE UP COMING AUCTIONS

#1 Feb. 19, 1987- Longview Farms - Allentown, N.J. - Potatoe & Grain
Farm Mach. Hains Warehouse Equip., Potatoe field Equip. 7 Tractors
IHC#5288, #1486, #186 hydro, others. 12 trucks - Dumps, Bulk
Potatoe trucks, 2-SP combines, Tillage Equip.- Planters, 6 Irrigation
pumps-center pivot system, Reel traveling Gun, 10 Wheel Lines, over
9000 ft. of Alum pipe from 5" to 8"!

#2 Feb. 26, 1987- R. England- Allentown, N.J.- JD#4440- plus others,
MF#760 SP combine, 2-Trucks, Top Tillage Equip. all showroom,
Irrigation- 2 Wheel lines, 2000 ft. 6" Alum pipe- plus grain equip.

#3 March 5, 1987- Osborn Poultry & Grain Farms - Cream Ridge, N.J.
Big power plant, Mix Mill, 75 ft. Elevator, 17 grain & feed bins, Steiger
4x4 Bear Cat 225 hp, other tractors, 6 Trucks & Trailers- IHC#4070
tandem tractor, Parker 25 ft. Alum and Gramm 16 ft. steel dump
trailers, Gleaner L combine, lots of big tillage equip., Big Poultry Equip.

#4 March 11, 1987- Amos & Gary Kirk- Newtown, Pa.- JD#7720 turbo
combine, Tractors #4630, 5020, 2-4020's, more, 2 big dump trucks, Big
tillage equip- Grain bins and handling equip.,

#5 March 21, 1987- E.W. Clucas- Oldwick, N.J.- Dairy Equip.- 620
Mueller tank, pipeline, Lots of good farm & Grain Equip. JD#4020 side
C, AC#7040, JD combine, NI#327-2R picker, hay Equip.

#6 March 28, 1987- Kenneth V.L. Conover & Son- Belle Mead, N.J.-
IHC#4070 tandem truck w/20 ft. grain dump, 2 other dumps, Tractors-
IHC#1066, 986, others, Grain bins & equip.- #720- 5x18" auto reset
plow (used on 200 ac.- plus full line of like new tillage equip.

#7 April 1, 1987- John Giarrusso- Wertsville Rd. (Neshanic Area) IHC
#1066, Uni 707 w/attachments, IHC 5x16" auto reset plow, grain and
forage equip.

NOTE: These Auctions are being held in area's where development is
moving in and most of the farms are Sold! There aren't many active
farmers in these area's anymore!

For information on these and other up coming sales being Booked Now -
Watch Lancaster Farming or Call or Write for descriptive Brochure on
each individual Auction!

COL. FRED R. DANIEL AUCTIONEERS INC.

Box 151 RD#3, Neshanic Sta., N.J. 201-369-4784

(A Full Service Auction Company)

PUBLIC AUCTION

38 Highly Productive Holstein Cows, Bred & Open Heifers, Mules, Farm Machinery, Household Goods

TUESDAY, FEB. 24, 1987
9 A.M.

LOCATED: Rt. 272 from Lancaster, Pa. 20 Miles South to Wakefield Crossroad turn West, First Farm.

Terms by
JONATHAN H. & FANNIE K. BEILER

Auctioneers Conducting Sale:
Lloyd Kreider, AU000513L,
Randal Kline, Roy Good, Gary Shirk
717-786-3394



PUBLIC AUCTION

27 Highly Productive Holstein Cows, Bred & Open Heifers, Mules, Farm Machinery, Household Goods

FRI., FEBRUARY 27, 1987
9 A.M.

Located From Strasburg Traffic Light go South on May Post Office Rd. 1 Mile to Shaub Rd. turn West to Bunker Hill Rd. turn Left, second Farm on Right.

Terms by
JOHN K. & ARIE G. KING

Auctioneers Conducting Sale:
Lloyd Kreider, AU000513L,
Randal Kline, Roy Good, Gary Shirk
717-786-3394



Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

FRI. MAR. 13 - John & Dan Miller, Staunton, VA. 200 Head Milking Herd & Close Bred Heifers. Ownby Auct. & Realty Co., Inc.

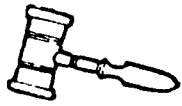
FRI. MAR. 13 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diefenbach, Manager.

FRI. MAR. 13 - 9AM Farm Eq. Paul & Ida Jean Rachaw, Owners. Off Rt. 45 approx. 1 mi. W. of Millheim, PA. Leon J. Smith, Jr. & James T.

Smith, Aucts.

FRI. MAR. 13 - 10AM 7 Tractors, Trucks, Farm Machinery, Crops, Harvesting Silo, 3 1/2 mis. W. of Cochranville on Homeville Rd., Chester Co., PA. Wm. E. Parry & Sons, Owners. Whitford Sales Co., L. Robert Frame Sr. & Sons, Aucts.

SAT. MAR. 14 - Farm Eq. & Tools. 841 Rothsville Rd., Lititz, PA. For: Phares M. & Elizabeth H. Weaver, Paul E. Martin & John D. Stauffer, Aucts.



PUBLIC SALE

OF MODERN FARM EQUIPMENT
MONDAY, MARCH 2, 1987

9 o'clock

Location: At Elizabethtown, Pa. take Rte. 743 west, approx. 3 mile to Bossler Rd. turn right, go to Bosslers Church, turn right, go to Stonemill Drive. Watch for signs.

International 1086- full cab, digital readout-1600 hrs., International 574 diesel with Dunham Loader 2050 hrs., Farmall 230 w/fast hitch, cultivators; Farmall Super C with mounted field sprayer; Hyster #40- 4,000 lb. Forklift; New Idea 702-V6 gas Uni System with the following attachments: combine w/13' grain head (like new) corn picker w/2 R.W. head, harvester w/2 R.W. head, Krause #1900 D offset D wingfold 18'-6" disk.

Also full line of International and New Holland farm equipment. Watch for full listing later. Auct. Note: This is a line of good clean equipment.

Sale by
GEORGE B. MARTIN
717-426-3762
or 426-1004

Sale conducted by
Miller's Auction Service
Aucts. AU617L
Raymond Miller 653-8762
Rufus Geib
Jim Hershey

Dairy and Livestock Sales

SAT. MAR. 14 - Robert Webb, House & HH Goods. Fawn Grove area, York Co. J. Everett Kreider, Auct.

SAT. MAR. 14 - Farm Eq. Between Schnecksville & Pleasant Corner along Rt. 309, Lehigh Co., PA. For: Myles Miller, Ralph W. Zettlemoyer Auct. Co., Inc.

SAT. MAR. 14 - 8:30AM 19th Annual Spring Auction for the Gordonville Fire Co. Quilts, HH, Antiques, FE. Livestock Terms by Sales Committee. Ron Funk & Local Aucts.

SAT. MAR. 14 - 9AM

Annual Spring All Day Farm Mach. Sale. 3 mis. E. of Muncy, PA. Along Kepner Hill Rd. Fraley Auct. Co.

SAT. MAR. 14 - 9:30AM Forklifts, Step Vans, Stake Trucks, Cars & PUs. Con-Edison, Astoria, NY Vilsmeier Auct. Co., Inc.

LARGE PUBLIC AUCTION

Discontinuing farming, the undersigned will sell located 4201 New Design Road, Frederick, MD or 5 miles south of Frederick, MD off Route 340 on Ballenger Creek Road (Route 180 south) left 1/2 mile on Elmer Derr Road, right on New Design Road to farm on left.

SATURDAY, FEBRUARY 7, 1987
at 9:30 A.M.

NINE TRACTORS and COMBINE

Int. 4366 diesel articulate tractor w/all weather cab, 8 18.4x38 wheels & tires, dual hydraulics, 1450 hrs.; Int. 1066 diesel tractor, canopy & roll bar, W.F., power steering, dual hydraulics, 1000 & 540 PTO; Int. 966 diesel tractor, W.F., power steering, dual hydraulics, 1000 & 540 PTO, 850 hrs.; Int. 966 diesel tractor w/canopy & roll bar, W.F., power steering, dual hydraulics, 1000 & 540 PTO; Int. 766 diesel tractor w/cab, W.F., power steering, dual hydraulics, 1000 & 540 PTO completely overhauled incl. new TA; Int. 756 diesel tractor, W.F., power steering, dual hydraulics, fast hitch, 1000 & 540 PTO, new rubber, completely overhauled less than 200 hrs.; Int. 784 diesel tractor, canopy & roll bar, W.F., power steering, dual hydraulics, 1000 & 540 PTO, 379 hrs.; Int. 656 diesel Hydro tractor, W.F., power steering, dual hydraulics, completely overhauled in 1985 w/less than 200 hrs. on overhaul; Farmall Super M w/hydraulics & PTO.

White 8900 diesel Harvest Boss S.P. combine w/all weather cab, 1336 hrs., excellent condition, selling w/13 ft. grain table; 6 row narrow corn head sells separately.

MODERN FARM MACHINERY

Two Int. 225 S.P. hay swathers; New Idea 279 cut/ditioner, used 2 times; 2 New Holland 256 rakes; Deutz-Fahr KH500 17 ft. hay rake/tedder; N.H. 320 bale w/thrower & elec. controls; Farmec 42 ft. elevator w/motor; six 16 ft., wide axle wagons w/hay sides; 2 Bush Hog Model 160 13 ft. rotary mowers; Bush Hog 7 ft. rotary mower.

New Idea 705 diesel S.P. Unisystem forage harvester w/Uni Super 767 chopper, 3 row narrow corn head; 766 pickup head; 2 N.H. 36 crop choppers; Int. 50 forage harvester, selling w/2 row wide corn head & grass head; 3 Badger 18 ft. tandem axle silage wagons, like new; 2 White 6 row no till corn planters w/fertilizer & insecticide boxes; Int. 249A 2 row corn planter w/fertilizer boxes; Int. 510 16/7 disc grain drill; Killbros 350 grain body on 8 ton Cobey running gears; Int. 56 blower; Papec blower; 40 ft. 9 in. pipe; Schuler 175 feeder wagon, like new.

New Idea 354 tandem axle manure spreader w/high flotation tires, top beater & hydraulic end gate; N.I. 318 tandem axle manure spreader w/top beater & end gate; N.I. 217 manure spreader w/top beater; N.H. tank spreader; Int. 2450 long reach loader w/80 in. bucket; Big Rhino 3 pt. 7 ft. scraper blade; White 281 transport 18 ft. offset disc; White 281 transport 12 ft. offset disc; Brady 16 ft. chisel plow; Brillion transport 16 ft. foldup spring tooth harrow; Chattanooga 14 ft. roller harrow; Int. 10 ft. spring harrow; Int. 311 3/14 fast hitch plow; McD. 10 ft. double cultipacker; Winpower 35/20 portable alternator; Danhauser 3 pt. post hole digger w/12 in. auger; 18 ft. wooden feeder wagon; 16 ft. flat wagon bed; 16 ft. farm trailer; 20 ft. wooden hay rack; wooden portable loading chute; single shovel lay off plow; 3 sets tractor chains; plow quick hitch; heavy A-frame hitch; hillside hutch; tractor windbreakers, 16 Int. front weights

VEHICLES

1971 Int. 4070 cab over tandem diesel road tractor in excellent condition; 2 Trim tandem trailers w/28 & 29 ft. Moore Alum. dump bodies & fitted tarps.

1972 GMC 5500 V-8 cab over truck w/16 ft. grain bed.

1979 Dodge 3/4 ton 4-WD pickup, P.S., P.B., 51,000 miles.

SHOP and MISCELLANEOUS ITEMS

60,000 lb. shop press; elec. hacksaw; new large 1/2 in. bench drill press; another 1/2 in. bench drill press; 3/4 in. drill, 6 in. grinder; 3/4 in. socket set; metal welding table; 3 portable metal shop tables; 50,000 BTU space heater; elec. dairy heater; elec. bug killer; Surge pail milkers & straps; S.S. strainer; calf puller jack; Dickey John grain moisture tester; bag wagons & carts; wheelbarrow; double blocks; Martin bird house; feed cart; 1 1/4 in. plastic pipe; 20 ft. steel pipe; tow cable; chain; 50 gal. drums; barn, shop & farm tools.

Assorted farm gates incl. 2 heavy bull pen gates; snow fence; water & hog troughs, asst. ladders; new mounted tires incl. 11L-15SL, 10:00-15, 7:50-16 SL tractor tire; good used mounted tires; Wagner 2 HP elec. motor, tarps; new & used machinery parts; new bridle & halter; White 4 & 6 row planter markers & other useful articles.

AUCTIONEER'S NOTE: The Geisingers have planned their retirement having sold their dairy herd this past Aug. This sale is giving you an opportunity to purchase some of the best equipment you will find on a farm equipment auction. The items selling are field ready, always kept under roof, much of it looks & operates like new. Don't miss this one.

TERMS: Cash - Not responsible for accidents.

MR. & MRS. J. DANIEL GEISINGER
Phone (301) 662-6494

Auctioneer: Robert C. Mullendore
Boonsboro, MD
Phone (301) 582-0546
Clerk: C.L. Metz

- LUNCH RIGHTS RESERVED -

New Holland Sales Stables



SPECIAL MULE SALE

Friday, February 6, 1987
10 A.M.

1 load of good, big, young Mules.

SPECIAL MENTION:

4 pair Sorrel Mare Mules from
L.C. Tabor, 3 & 4 yrs. old,
The Right Kind.

Also a pair of big 3 yr. old
Jack Mules, well mated.

Consigned by **NORMAN KOLB**
717-397-5538

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

TUES. MAR. 17 - Farm Eq. Located 3 mis. E. of Danielsville along Rt. 946, Northampton Co., PA. Peter & Elizabeth Pagotto, Owners. Ralph Zettlemoyer Auct. Co.

TUES. MAR. 17 - 9AM Registered Holsteins, Farm Machinery, Milflin Co., 1 mi. N. of Belleville, PA. John Y. and Irene Bawel, Mark Glick, Auct.

WED. MAR. 18 - 9:30AM Charles N. & Robert C. Miller Farm Eq. E.M. Murry Associates, Aucts.

THURS. MAR. 19 - 9:30AM Farm Eq. & Milking Eq. Located Rt. 74 S. of Airville, turn W. on Bridgeton Rd. go 1 1/2 mis. to crossroad and continue straight to first lane on right. Mr. & Mrs. C. Robert Kilgore, Blaine N. Rentzel, Auct.

THURS. AND FRI. MAR. 19-20 - Farm Equipment, Tractors, & Parts. Clyde E. Keener Estate, 1531

Manheim Pike, Lanc. Wolgemuth Auction Service.

FRI. MAR. 20 - 9AM Spring Consignment Sale. Cumberland Co., Newville, PA. Sensenig's Auctioneering Service, 717-776-5054.

FRI. MAR. 20 - 11AM Bright Meadows Farm Dispersal of 140 Head Reg. & Grade Holsteins. Richard H. Albright, Jr., Owner. Backus Assoc., Inc., Sale Managers.

FRI. MAR. 20 - 6:30PM Consignment Sale of Feeder Pigs and Feeder Cattle. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

FRI. MAR. 20 - 7PM Horse Sale at New Holland Sales Stables, Inc., New Holland, PA. Abe Diefenbach, Manager.

FRI. MAR. 20 - Farm Mach. Carlisle, PA. John Lippert, Owner. Kling's Auct. Serv., Sale Mgrs.

SAT. MAR. 21 - Small Dairy Herd, Farm Eq., Lots of Antiques. Elwood Johnson, N. of Carlisle along Rt. 74. Rick Foreman & Kevin Wickard, Aucts.

SAT. MAR. 21 - 8:30AM Valuable Antiques, Farm Machinery, Personal Property. Stoney Battery Rd., Mountville, PA. For: J. Harry Enders. J. Omar Landis & Jay M. Witman, Aucts.

SAT. MAR. 21 - 8:30AM Consignments Now Being Accepted. Utility & Transportation Contractors Assn. of New Jersey, Wall Twp., NJ. Vilsmeier Auct. Co., Inc.

SAT. MAR. 21 - 9AM Kempton Community Center, Northern Berks Co. 24th Annual Spring Sale. 14 Aucts. 215-756-6973, 756-6532.

SAT. MAR. 21 - 9:30AM Carl H. & M. Jane Longenecker Farm Eq. E.M. Murry Associates, Aucts.

SAT. MAR. 21 - 10AM Farm Mach., 145 Acres

Land (1PM). Located Milflin Co., 3 1/2 mis. W. of McVeytown, PA, turn S. off Rt. 22 on Irvin Hill Rd., beside the Wayne U.M. Church. Merle P. Sunderland, Mark Glick, Auct.

SAT. MAR. 21 - 10AM Dairy Eq., Farm Machinery. For: E.W. Clucas. Col. Fred R. Daniel, Auct.

MON. MAR. 23 - M.M. Weaver & Sons Annual Consignment Auction, 169 N. Groffdale Rd., Leola, PA. E. Martin, John D. Stauffer, Auctioneers.

MON. MAR. 23 - Spring Consignment Gun Sale. Conestoga Auct. Co., Inc., P.O. Box 1, Manheim, PA 17545. 717-898-7284.

TUES. MAR. 24 - Ben Herr Farm Machinery Sale. Chestnut Level area. J. Everett Kreider, Auct.

WED. THURS. FRI. MAR. 25, 26, 27 - Large Three Day Sale of Farm Eq., etc., at our place of business, 1 mi. E. of Marion, PA, off Rt. 81. Ralph W. Horst, Manager.

FRI. MAR. 27 - Real Estate & Farm Eq. 4 mis. N. of Fogelsville, Lehigh Co., PA. For: Joan & Dennis Dominick Ralph

W. Zettlemoyer Auct. Co., Inc.

FRI. MAR. 27 - 9:30AM Good Line of Farm Machinery. Located Milflin Co., 1st farm S. of Allensville, PA. Off Rt. 655. Mrs. Fred (Dorothy) Hartzler. Mark Glick, Auct.

SAT. MAR. 21 & SAT. MAR. 28 - 2 Day Auction of 4 Tractors, Power Machinery Tools, Antiques, Livestock, Furniture, Local Collectibles. Formerly Stubbs & Evans Farm. #403 Woods Rd., Oxford, PA. By order of Donald G. Brown, Owner. Jeff E. Whiteside & Harry W. Whiteside, Aucts.

FRI. & SAT. MAR. 27 & 28 - Two Day Auction, Toys, Literature, Tractors, Eq., Parts. Hayner Bros., Cherry Valley, NY. Owners. James MacFadden, Jr., Auct.

SAT. MAR. 28 - George McDonald Farm Machinery, Milk Tank & Tools Rising Sun, MD. J. Everett Kreider, Auct.

SAT. MAR. 28 - Farm Mach., Lawn & Garden, Tools, Furniture, and Miscellaneous Consignment Auction. From Exit 21 of PA Turnpike take 272 South to first light, take Church St. through Rheemstown to Red Run Rd., turn left on Red Run Rd., go 1/10 mi. turn left on Steffy Rd., approx. 1/2 mi. on left. Terms by: Arthur Nolt and

Allen Martin, Roy Good, Jr., Randal V. Kline and Lloyd Kreider, Aucts.

SAT. MAR. 28 - Milligan Bros. Machinery Dispersal, Loysville, Perry Co., PA. Kling's Auct. Service.

SAT. MAR. 28 - 8:30AM Tack; 10:30AM Horses. Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

SAT. MAR. 28 - Farm Eq. Located RD1, Washington Boro, PA. For: Raymond H. & Marian G. Shertzer. Paul E. Martin & John D. Stauffer, Aucts.

SAT. MAR. 28 - 9AM 11th Annual Gap Fire Co. Sale in Gap, PA. New & Used Furniture, Tools, Groceries and much more. We sell on commission. Elvin Beiler, 717-442-9549.

SAT. MAR. 28 - 10AM Farm Eq., Trucks, Dairy Eq., Shop Tools. 2 mis. W. of Rising Sun, MD, along Rt. 1. 5 mis. E. of Conowingo traffic light. Enter driveway where Rt. 273 and Rt. 1 divide. Terms by: George T. McDonald. J. Everett Kreider, Bucher, and Heaps, Aucts.

SAT. MAR. 28 - 11AM Like New Grain Farm Mach. For: K. Conover & Son, Mead, NJ. Col. Fred R. Daniel, Auct.

APRIL

WED. APR. 1 - Farm Eq. John Giarrusso, Wertsville Rd., Neshanic Area. Col. Fred R. Daniel Aucts., Inc.

FRI. APR. 3 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diefenbach, Manager.

FRI. APR. 3 - 7PM Dairy Heifer Consignment Sale. Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

SAT. APR. 4 - Lions Club Sale. Wakefield area. J. Everett Kreider, Auct.

SAT. APR. 4 - The House of His Creation Benefit Sale. Steve Petersheim & Steve Jr., Aucts.

SAT. APR. 4 - Farm Eq. Near Bethel, PA, just N. of I-78. For: Gilbert Berkenbine. Ralph W. Zettlemoyer Auct. Co., Inc.

SAT. APR. 4 - 6th Annual Benefit Auction for the Manheim Farm Show Building Fund. Located Adele Ave., Manheim, PA, at the Farm Show Bldg. Local Aucts.

SAT. APR. 4 - Farm Eq. & Tools. Located 2 miles east of Blue Ball along Rt. 23. Mrs. Elmer M. Zimmerman, owner. Paul E. Martin, John D. Stauffer, Auctioneers.



SHORT NOTICE SALE

2 Herd Dispersals to be held at Smoketown Quality Dairy Sales. Smoketown, PA., Rt. 340
Saturday, February 7, 1987
11:30 A.M.

Heifer's

Vernon & Mary Yost Glenmore, Chester Co.

50 Heifers Bred Open & Calves. Complete Reg. & High Grade Milking Herd- Bred & Open Heifers, To Calves. On D.H.I.A. Test Up To Aug. 1986. March 85- 15,693 3.7 586- Aug. 86- 14,309 3.7 523.

- Reg.- Sires- Whittier Farms Apollo Rocket, Plain Fan Apollo Chief. Maple Plain Fan Apollo Chief. Brooks-Twin Apollo King. Bred & Sired by Atlantic & Sire Power.
- Young herd with good rough frames. Never pushed for high production, potential for higher milk production & fat. Could easily make records of 15,000 to 20,000- or more.
- Heifers from 2 month to 7 month old, ready to VACC.
- 5 VACC Heifers- Bred to a Rex son due Feb. & March.
- 8 VACC Heifers ready to breed.
- 16 cows due Jan.- Feb.- March- Some just fresh Dec. & Jan. Balance in all stages.
- Heifer #89- Sire- Vicent View Marvation. DAM- Proj. 18,000m. 653F.
- Heifer #92- Sire- Hilltop Reckers Ace. DAM- 3 yr. Proj. 12,987m. 467F.
- Heifer #35- Sire- Terrapin Nod-ET. DAM- Proj. 18,986m. 707F.
- Heifer #33- Sire- Sinking Springs Rocket Mandate.
- Heifer #91- Sire- Schuville Lee Lannie.
- Heifer #41- Sire- Kranzdale Rebel.
- Records-
- Sire- S-S-F Gay Ideal Bubbler- Grade 2 yr. 9m. 326 12,876 3.8 494.
- Grd. Springer- Est. 14,454 515- Brd. to Tri-Town Rusty Range.
- Grd. Springer- 4 yr. proj. 305 16,617m. 3.7 602- Bred to Marvation.
- Grd. Chairman- Dry- 325 15,979 537- Due March to Very.
- Grd.- Due Feb. to Mil-Nor- 4 yr. 13,690 467.
- Grd. Proj. 16,102 516- Bred to Very.
- Grd.- MD-New Hopes Rebel Elevation- Fresh 1-26-87. 2 yr. 10,470 3.9 416.
- Grd. Jet Stream 2 yr. 15,075 3.4 492- Due May to Very.
- Grd. S-S-F Gay Ideal Bubbler- Proj. 12,269- Due April to Phenix.
- Grd.- Sire- Killdee Astrochief Wiseman- 2 yr. proj. 12,842 488.
- Grd. Sire- Creek-Bluff Elevation Lester- Fr. Nov. 60 lbs. 3 yr. 1m. 305 16,734 596.

Heifer's

Schantz Farm- Mary Schantz, Ephrata, Pa.

All Home raised cows- open & bred heifers. All calfhoo VACC, innoculated for shipping fever.

- Kate- Sire- Simpson Burkgor Snowman-Twin. 4-5 305 20,876 644-2 dtrs. selling. 5-9 305 18,474 641. 6-10 296 19,136 574-peaked 67 lbs.
- Cindy- Sire- Robthom Anthony Performer. 3-3 305 18,009 605-1 dtr. selling. 4-8 289 18,672 601-peaked 71.9 lbs.
- Molly- Sire- Winterthur Ivanhoe Kid Samson. 8-2 305 19,028 668. 9-4 305 17,731 626-peaked 87 lbs.
- Trudy- Sire- Sweet-Haven Lockonvar Boots. 3-4 305 16,551 4.3 712. 4-5 280 15,052 4.1 616. 5-5 265 16,033 3.8 613-peaked 86.5 lbs. Due March- Mayval Tradition Centennial.
- Tessie- Dtr. 2-11 271 11,011 3.8 422. Due April- Adams Dream Del Dimoak.
- Betty- Sire- JA-Sal Gay Duke- Fresh 1-20-87 60 lbs. 3-4 290 13,897 3.7 517. 305 15,148 558. 4-5 278 17,017 504-peaked 85 lbs.
- Tricia- Sire- Marbeth Enid Paul- ET- Fresh 1-25-87- 70 lbs. 2-5 264 12,951 3.8 491. 2-5 305 14,524 546-1st calf peaked 57.8.
- Registered heifer sire Klindell Star Milkman born 2/7/84. Two year record 16,000M. Due February 11 to Tri-Town Steady Spipper. DAM- Trump daughter 2 yr. 7m. 282 days 19,250M 461F. 3 yr. 7m. 305 days 26,530M 733F.

Top Reg. Cow Out Of New Jersey Herd Sold For \$1975.
Top Reg. Calf Sold For \$1025.
Top Grade Sold For \$1775.

T.B. & Blood- 30 Days- Pregnancy OK

—Please Clip & Save—
Only Ad For This Sale

Lunch Wagon

Sale Managed By
SMOKETOWN QUALITY DAIRY SALES
Gordon & Helen Fritz
717-393-0930

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. APR. 4 - Show
8:30AM; Auct. 5PM. Farm
Toy Auction, Show & Sale
at New Holland, PA. Fire
Hall. Sponsored by:
Liberty Fire Co. Dale
Stoltzfus & Dave Nolt,
Aucts.

SAT. APR. 4 - 9:30AM
Farm Machinery Dispersal
Sale of Farm Mach. 6 mis.
SE of Stewartstown via
Rt. 851 turn on Davis Rd.
and proceed 1 1/2 mis. to
sale; near New Park
southern York Co., PA. By
order of: Mr. & Mrs.
James H. Bisker, Owners.
Charles W. & David W.
Shrodes, Aucts.

FRI. APR. 10 - RPM Farms
Annual Spring Sale.
Located Beavertown, PA.
Snyder Co., U.S. Rt. 522.

FRI. APR. 10 - 7PM Horse
Sale. New Holland Sales
Stables, Inc., New
Holland, PA. Abe Dif-
fenbach, Manager.

SAT. APR. 11 - 9AM
Wolgemuth Auct. Service
Annual All Day Farm Eq.
Sale. Tractors, Farm Eq.,
Tools, Lawn & Garden,
anything sold on com-
mission. Located 4 mis. W
of Manheim, Lanc. Co.,
PA. Along Valley Rd., just
off Hosler Rd., 10 min.
from Rt. 283 at Manheim
Exit. Bob Wolgemuth
Sales Manager, 717-665-
6684.

FRI. APR. 17 - 6:30PM
Consignment Sale of
Feeder Pigs & Feeder
Cattle. Keister's Mid-

dleburg Auct. Sales, Inc.,
Rt. 522, 3 mis. E. of
Middleburg, PA. 5 mis. W.
of Selinsgrove, PA. Don &
Walt Keister, Owners.

SAT. APR. 18 - New
Danville Mennonite
School. J. Everett
Kreider, Auct.

MON. AND TUES. APR.
20-21 - 2-Day Public Sale
of Farm Equipment,
Tractors, & Parts. Clyde
E. Keener Estate. 1531
Manheim Pike, Lancaster,
Pa. Wolgemuth & Rentzel
Auctioneers.

TUES. APR. 21 - 7PM
Feeder Pig Show & Sale.
New Holland Sales
Stables, Inc., New
Holland, PA. Abe Dif-
fenbach, Manager.

FRI. APR. 24 - 9AM Farm
Eq. New Holland Sales
Stables, Inc., New
Holland, PA. Abe Dif-
fenbach, Manager.

FRI. APR. 24 - 6PM Reg.
and Grade Heifers, all
ages. At the Belleville
Livestock Mkt., Belleville,
PA.

NOTICE

To assure that your
Public Sale appears
in the Public Sale
Section we must
have your ad-
vertisement by 4
P.M. Tuesday of each
week's publication.

SAT. APR. 25 - 8:30AM
Tack; 10:30AM Horses.
Keister's Middleburg
Auct. Sales, Inc., Rt. 522,
3 mis. E. of Middleburg,
PA. 5 mis. W. of Selin-
grove, PA. Don & Walt
Keister, Owners.

SAT. APR. 25 - Con-
signment Sale of Farm
Machinery & Lawn Eq.
New Park, York Co. J.
Everett Kreider, Auct.

SAT. APR. 25 - Geet
Ministries Benefit Sale.
Steve Petersheim & Steve
Jr., Aucts.

MON. APR. 27 - Far-
mersville Eq. Co., Far-
mersville, PA. Annual
Spring Consignment
Auction. Paul E. Martin &
John D. Stauffer, Aucts.

SALE EVERY TUESDAY

Graded Sale
1st Tuesday each
month
2 P.M.
Horse Auction
2nd Saturday each
month
1 P.M.

FAUQUIER LIVESTOCK EXCHANGE

Marshall, Va.
703-364-1566

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN

Quarryville, PA
PH 717-786-3016

PUBLIC AUCTION

44 HIGHLY PRODUCTIVE HOLSTEIN
COWS, BRED & OPEN HEIFERS,
REG. BULL, FARM MACHINERY,
HOUSEHOLD GOODS, 12x60 MOBILE
HOME

TUESDAY, FEB. 17, 1987

9 A.M.

Located From Strasburg traffic light go
South on May Post Office Rd. 4 Miles,
turn East on Springville Rd. Approx. 1
Mile to sale.

TERMS BY

DANIEL F. & HANNAH B. KING

Auctioneers Conducting Sale:
Lloyd Kreider, AU000513L,
Randal Kline, Roy Good, Gary Shirk
717-786-3394



Kreider & Kline Auctioneers

PUBLIC AUCTION

HEIFERS- MULES-
MACHINERY- FEED
FRIDAY, FEB. 6, 1987
AT 10:00 A.M.

Located In Centre Co., 4 Miles East Of
Rebersburg, Pa., Along Route 192.

6 MULES

Team bay mules 8 and 9 yrs. old, team bay
mules 11 and 12 yrs. old, and team sorrels 11
and 12 yrs. old. Harness for 6 mules, collars,
bridles, lines, etc.

27 GRADE HOLSTEIN HEIFERS

11 bred heifers well grown w/good size, 16
yearlings to started heifers. All raised on this
farm. Sired by A.B.S. bulls and out of good herd
which is averaging over 60 lbs. per day at the
present time.

T.B. AND BANGS TESTED.

DAIRY EQUIPMENT AND FEED

Lister 12 H.P. dsl. engine, 3 H.P. compressor,
Milkeper 500 gals. tank, gas water heater, 3
Westfalia milker units (will be used one week
after sale), Bender auto. washer, double S.S.
tubs, 2 S.S. strainers, etc., round metal hay
feeder, 2500 bales hay, 18x30 ft. corn silage and
approx. 3,000 bu. ear corn.

FARM MACHINERY

N.I. no. 206 manure spreader, 2 auto. turn
carts, N.I. no. 323 corn picker, N.H. 268
hayliner baler w/motor, N.H. mower and N.I.
crimper combination, A.C. power unit
w/clutch, N.I. rola bar rake, Pequea tedder,
Mulkey 30 ft. elevator, 2 flat wagons,
WhiteHorse 2-12 in. hyd. reset plow used 1 yr.,
Smoker corn stalk chopper, single and double
trees, misc. farm items and wagon items.

Terms- CASH

AMOS AND REBECCA KING

Star Route
Rebersburg, Pa.
Mark Glick- Auctioneer
Reedsville, Pa.
AU-349-L

LUNCH

Dairy and Livestock Sales

NEW HOLLAND SALES STABLES, INC.



Located 12 Miles East of Lancaster, Pa.,
just off Rt. 23, New Holland.

SPECIAL DAIRY SALE CONSIGNMENTS
For
WEDNESDAY, FEBRUARY 4th, 1987
Heifer Sale Starts At 11:00 A.M.

1 LOAD PUREBRED AND GRADE CANADIAN COWS, FRESH AND
SPRINGERS, CONSIGNED BY BRIAN DAWSON.

- 1 load fresh and springer cows consigned by Norman and David Kolb.
- 1 load fresh and springer cows consigned by Merle Brenneman.
- 1 load fresh and springer cows consigned by Marvin Eshleman.
- 1 load fresh and springer cows consigned by Raymond Smucker.
- 1 load fresh and springer cows consigned by H.D. Matz.
- 1 load fresh cows consigned by Dale Hostetter.
- 1 load fresh cows consigned by Alfred Albright.

For More Information Contact:

Abe Diffenbach
717-354-4341

Norman Kolb
717-397-5538

PUBLIC SALE SATURDAY, FEB. 21, 1987

9:00 A.M.

Located 1 1/2 miles north of Quarryville, six miles
south of Strasburg. Between Stoney Hill Road and
Carmargo Road, along Stone Road, Eden Twp. Lanc.
Co. Penna.

LIVESTOCK

42 HEAD OF HOLSTEIN DAIRY CATTLE
#36 HEAD REG AND GRADE
HOLSTEIN DAIRY COWS

Owner Sampler test 365 da. 14990+.

Several cows recently fresh, many close springers.

15 HEAD OF HOLSTEIN HEIFERS

From two months to breeding age.

30 day T.B. AND Blood test. Stock bull from
registered animals.

One pair of 5 and 6 year old sorrel horses.

One pair of 6 and 7 year old Red Roan horses.

Two sorrel mares One black mule All Good Workers

FARM EQUIPMENT

New Holland #273 Baler; Stoltzfus 2-bottom 12" plow with
Hyd. system; International #56 4-row corn planter with 12
volt Daytona Hyd System; New Idea #272 Cutditcher with
50 h.p. Leroy gas engine; New Idea Crimper with 4 cye.
Wisconsin engine.

McD P.T.O. corn binder with loader; McD ground driven
corn binder; McD #7 ensilage cutter in good condition;
Campbell sprayer with 16 row boom; New Idea trans-
planter, in good condition.

McD #9 grass mower; New Idea side rake; Zimmerman
steel wheel wagon and bed; New Idea steel wheel wagon
and box; Two fore-trucks with auto-turn; John Deere 3-
section spring harrow; New Holland #202 manure spreader;
McD 28 side harrow; steel roller McD riding cultivator;
Side loading tobacco ladders on gears.

Two wheel breaking cart; Minnich tobacco press; 3000
tobacco lath; tobacco shears and spears; log chains; forks;
shovels; Eight sets of front gears; collars; lines; bridles;
3'x16' concrete pipe; 1,2,3,4,5,6,7, horse hitches.

50 TON OF EAR CORN---

100 TON OF CORN ENSILAGE

DAIRYING EQUIPMENT— Three Bou-matic milking
units; Magnetic inflations Pulsation control units; Scheuter
dumping station; Bender Washer.

L40 Lombardina Diesel; Winco 3000 Watt generator; Bou-
matic Pump; Vacuum pump stainless steel twin tubs.

Two feed carts; 20 head-lock stauchions 100' of litter
carrier track with switch.

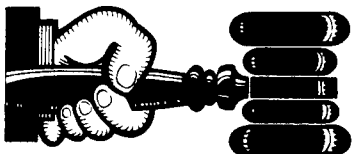
Semen 1 Penn State Star; 1 Glen Valley Star; 3 Whittier
Farms Apollo Rocket; 2 Ca-lil Standout Cavalier; 1 Zion
View Amys Grand Fortune.

LEVI S. AND ANNA MAE GLICK, Owners

Sale at 9:00 A.M.

Diffenbach's Auctioneers 225L

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MELVIN KOLB, INC.

**LANCASTER MONTHLY HOLSTEIN COW SALE
THURSDAY, FEBRUARY 5, 1987, AT 11:00 A.M.**

LOCATION-West of Lancaster on Dairy Rd. Take Rt. 283 west of Lancaster to 741 East, turn left after exiting, go to old stone mill, then sharp right, proceed under railroad overpass, then turn right onto Dairy Rd. Barn is within sight of 283 west.

150 SPECIALLY SELECTED COWS & HEIFERS

FARMERS: If you need good cows or heifers, Purebreds or Grades, please come to this sale. All cows were personally chosen from the best herds in New York, Maine, New Hampshire, Massachusetts, Pennsylvania, and MD.



40 Big Fancy Grade Cows from New York, with good udders milking from 80 to 100 lbs. a day.
20 Fancy Purebred & Grade first calf heifers (the right kind);
50 Head of Purebred Cows, some with records & classifications;
40 head of really top cows and heifers from the other states.



SPECIAL MENTION

A fancy young CARLIN-M IVANHOE BELL just fresh with a lovely udder. Her Straight Pine Elevation Pete dam is GP with 4-5 365 26,690 3.6 974. Her VG-87 2nd dam has 9-1 365 29,220 3.6 1061 and 256,720 lbs. lifetime. Her VG-86 3rd dam has 9-1 365 30,270 3.7 1122 and 215,620 lbs. lifetime.

A outstanding bred heifer by MARSHFIELD ELEVATION TONY from a VG-86 dam with 2-2 305 17,900 3.6 644. She traces in direct female line to KINGS ARCTICROSE (EX-97) All-American Aged cow 1966 with 7-8 365 3X 35,276 3.7 1319. Due sale time to Melvin.

A high producing GP-84 SPARTAN with 3-10 365 3X 27,760 3.8 1047. Dam has 20,120m 3X and 2nd dam has 19,910m. Selling fresh to Nat.

A top COLUMBUS from a GP-83 dam with 20,900m. 2nd dam EX ASTRONAUT with 21,151, incl. 3rd dam VG-88, 19,230 M. Sells fresh to Melvin.

A Very Good (EX Mammary) Sheik with 4 y 365 21,981 4.1 900. Her dam averaged 20,000m for 8 lactations. Sells fresh.

A lovely TRIPLE THREAT from a Valiant dam with 2-9 365 22,680 3.5 791. 2nd dam by Milestone has 26,100m. bred to Ijon son.

A large BOOTMAKER from GP MILESTONE dam with 15,850m @ 2y. Her Monitor 2nd dam has 24,400 4.6 1042. Due to Frosty.

A GP-83 Monitor with 19,711 M @ 2y. Her GP Sexation dam has 19,870 3.6 725. VG-88 2nd dam as 21,480 3.6 769.

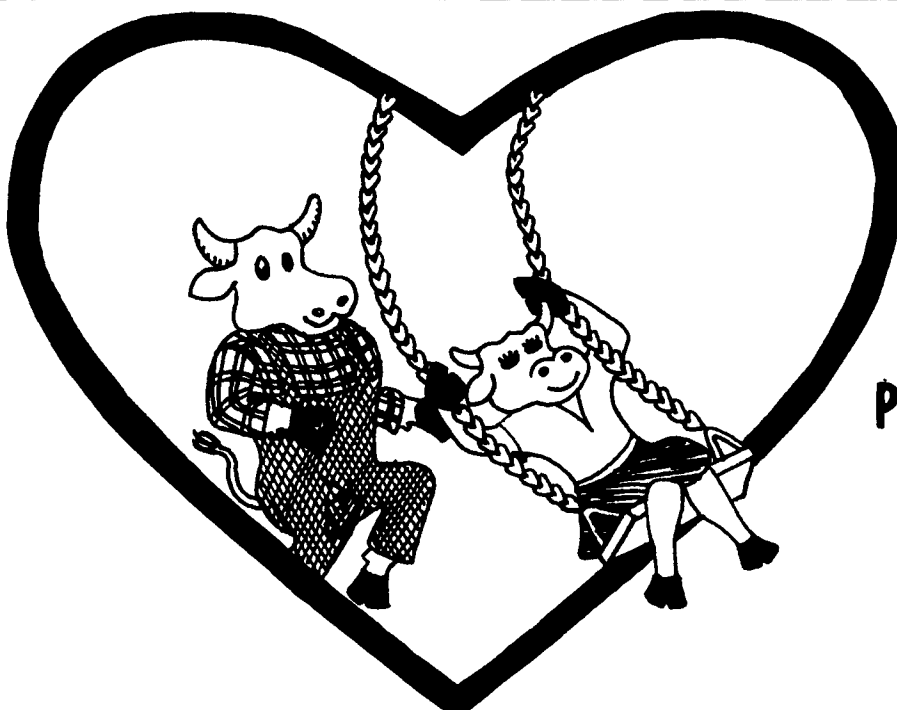
TWO SUPER HERD SIRE PROSPECTS

A service age TRADITION son from a VG-86 Valiant with 4-8 365 28,340 4.0 1123, cow index +1217M +47F. His EX 2nd dam has 5-8 365 35,390 3.5 1239.

A service age STARBUCK SON from a VG-88 Fond Matt with 3-6 365 27,180 3.5 950. His ELEVATION 2nd dam is 2E-90 and has 3-8 365 3.6 1145.

**DOOR
PRIZE,
PUREBRED
HEIFER CALF**

must be a registered
buyer to be eligible
and present to win.



**FREE
TRANSPORTATION
For Lancaster
Co. Amish**

Please Call 717-569-2106
or 717-569-6800.
(Call before Wed.,
Feb. 4, 1987 - 5 P.M.)

FREE LUNCH FOR ALL DAIRY FARMERS

SALE MANAGERS
Dennis & Mel Kolb

AUCTIONEER
Robert C. Mullendore AU-000644-L

PEDIGREES
Henry Kettering

ASSAULT

BROMETHALIN-BASED ASSAULT

KILLS WITH A SINGLE DAY'S FEEDING.

Assault is a unique, highly potent alternative to the host of less effective rodenticides. Including anticoagulants.

In many cases, you will begin to see dead rats and mice as soon as 24 hours after they eat Assault.

Fact is, a 1-1/2 ounce package of Assault will kill up to six rats or over 20 mice. Yet Assault has a low toxicity level for non-target species. Less toxic than acute rodenticides and equal to or better than most anticoagulants.



Nonchoice Efficacy Studies (Caged House Mice)		
Rodenticide	Gms of Bait to Cause Death	Avg Days to Death
Bromethalin (Assault)	1.5	1.8 (range 1 to 2)
Brodifacoum (HAVOC)	17.4	6.6 (range 4 to 10)
Bromadiolone (Just One Bite)	16.1	7.7 (range 5 to 13)
Warfarin (d CON)	25.3**	9.9 (range 5 to 18)
Cholecalciferol (RAMPAGE)	6.3	5.9 (range 5 to 8)

**20% of mice survived at least 20 days

Nonchoice Efficacy Studies (Caged Wild Norway Rats)		
Rodenticide	Gms of Bait to Cause Death	Avg Days to Death
Bromethalin (Assault)	7.6	1.9 (range 1 to 2)
Bromadiolone (Just One Bite)	46.6	6.5 (range 4 to 9)
Brodifacoum (HAVOC)	61.4	5.6 (range 4 to 8)
Warfarin (d CON)	70.7	6.7 (range 4 to 9)
Cholecalciferol (RAMPAGE)	28.0	5.8 (range 3 to 13)

Look For Your Assault Coupon
In National Trade Magazines
\$1.75 Off On 25 Packet Pail or 25 Loose
Assault Place Packs For Rats or Mice.

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